FINAL

Remedial Action Progress Report

2nd Quarter 2000 through 3rd Quarter 2002

M-3 Landfill Site

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

Directorate of Public Works

April 30, 2004

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Contract No. DACA 51-02-D-0007
Delivery Order No. 2V06

United States Army

Fort Monmouth, New Jersey

M-3 Landfill Site
Remedial Action Progress Report

Long Term Monitoring Program
(2nd Quarter 2000 through 3rd Quarter 2002)

Fort Monmouth, Main Post
Fort Monmouth, New Jersey

April 30, 2004

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VERSAR PROJECT NO. 110571.0571.306

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EXECUTIVE SUMMARY

A natural attenuation program was implemented to remediate chlorobenzene identified in shallow groundwater at the M-3 Landfill site, Main Post, Fort Monmouth, New Jersey during a Remedial Investigation (RI) conducted by the Fort Monmouth Directorate of Public Works (DPW) from May 1997 through March 2000. Remedial activities include a long-term groundwater monitoring program that was conducted in accordance with the *M-3 Landfill Remedial Action Work Plan* (RAWP), prepared by ATC Associates, Inc. (ATC), dated July 2000. The natural attenuation program to remediate these contaminants was also conducted in accordance with the M-3 Landfill site RAWP. This report documents the implementation and describes the effectiveness of the monitored natural attenuation program for the M-3 Landfill site accomplished during the reporting period of 2nd Quarter 2000 through 3rd Quarter 2002.

Chlorobenzene concentrations in groundwater and surface water did not exceed the New Jersey Department of Environmental Protection (NJDEP) Class II-A Interim Specific Groundwater Quality Criteria (ISGWQC) or Surface Water Quality Standards (SWQS) at any time throughout the period of groundwater and surface water sampling (2nd Quarter 2000 through 3rd Quarter 2002) at the M-3 Landfill site.

Based on the effectiveness of the natural attenuation and long term groundwater monitoring program, No Further Action is recommended.

1.0 INTRODUCTION

VERSAR, Inc. (VERSAR) was contracted by the United States (U.S.) Army Garrison, Fort Monmouth, DPW, Fort Monmouth, New Jersey to prepare a Remedial Action Progress Report (RAPR) to document the activities performed for the remediation of chlorobenzene in the shallow groundwater at the M-3 Landfill site located at the Main Post Area of Fort Monmouth. The monitored natural attenuation program to remediate this contaminant was conducted in accordance with the *M-3 Landfill Remedial Action Work Plan* (RAWP), prepared by ATC Associates, Inc. (ATC), dated July 2000 (**Appendix A**) and approved by the NJDEP in February 2001. This report documents the implementation and describes the progress of the monitored natural attenuation program for the M-3 Landfill site accomplished during the reporting period of June 2000 through July 2002.

1.1 Objectives

The objective of this RAPR is to document the implementation of the remedial action program performed at the M-3 Landfill site during the reporting period of 2nd Quarter 2000 through 3rd Quarter 2002. The purpose of the remedial action was to allow the chlorobenzene-contaminated areas to naturally attenuate thereby reducing contaminant concentrations to comply with its NJDEP ISGWQC. In general, chlorobenzene concentrations are expected to come into compliance within a five-year period. The remedial activities were conducted in accordance with NJDEP *Technical Requirements for Site Remediation* (July 1999), NJAC 7:26E, et seq.

The remedial action and subsequent preparation of the RAPR encompassed the following:

- Conducting quarterly rounds of groundwater and surface water sampling to evaluate effectiveness of the natural attenuation program.
- Comparison of the results of the groundwater and surface water quality monitoring programs with the NJDEP Groundwater Quality Criteria (GWQC), ISGWQC and SWQS.
- Identifying and discussing recommendations for the continuation of this remedial action.
- Documenting all remedial activities as required by the NJDEP *Technical Requirements for Site Remediation* NJAC 7:26E et seq.

1.2 Report Organization

This report is organized to minimize repetition. **Section 2.0** provides background information on the activities performed at the M-3 Landfill site. **Section 3.0** describes and summarizes the remedial activities conducted at the M-3 Landfill site, including groundwater and surface water sampling. **Section 4.0** discusses groundwater flow at the M-3 Landfill site. **Section 5.0** presents the chemical results of the groundwater and

surface water sampling. **Section 6.0** discusses the progress of the remedial action and provides recommendations for the M-3 Landfill site.

2.0 SITE BACKGROUND

The following sections describe the site background of the M-3 Landfill site. Included is a description of the site location, site history and background investigations.

2.1 Site Location and Description

The M-3 Landfill site is located on the western portion of the Main Post, between North Drive and Lafetra Creek (**Figure 2-1**). The actual boundaries of the landfill have been approximated in **Figure 2-2**. The approximate area of the M-3 Landfill site is 257,890 ft^2 (5.9 acres). At present, the site is covered with grass.

The M-3 Landfill site was in use as a landfill between 1959 and 1964 and was used for general purpose disposal of domestic and industrial wastes. 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, incinerator ash, sand from oil spill cleanups and other debris (Weston, 1995). The M-3 Landfill site also was reportedly used for the disposal of wood and coal ash from furnaces and boilers. The environmental setting (regional/local geology and hydrogeology) of the M-3 Landfill site is described in the ATC RAWP, dated July 2000 (**Appendix A**).

2.2 Site History and Background Investigations

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. 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). Weston conducted a background investigation of the 37 sites, as well as 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). The M-3 Landfill site is one of the 37 sites identified.

As part of a NJPDES permit, surface-water samples have been collected at two locations (one upgradient and one downgradient) since February 1986. The results indicated that no compounds were detected at concentrations exceeding the NJDEP SWQS (Weston, 1995). In the 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-3 Landfill site. The NJDEP approved the recommendations on April 20, 1995.

The 1995 Weston Site Investigation (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-3 Landfill site are included in the Weston SI report. Initial field investigation activities were performed between November 1994 and November 1995. The field investigation activities included surface geophysical investigations, surface water sampling and groundwater monitoring well installation and sampling. The Weston SI report was used as the basis for subsequent remedial investigations at the Main Post and Charles Wood areas, which progressed to the development of remedial actions, including the remediation program at the M-3 Landfill site.

From May 1997 through March 2000, the DPW performed a remedial investigation (RI) at several sites at Fort Monmouth, Main Post. One of the goals of this investigation was to evaluate groundwater and surface water quality at and in the vicinity of the M-3 Landfill site and prepare a RAWP (**Appendix A**) to address the need for remediation of these media, if necessary. ATC was contracted by the DPW to evaluate the data collected during the remedial investigation and prepare the RAWP.

2.2.1 Site Investigation Report - Weston

In February 1995, Weston, as part of an SI of the M-3 Landfill site, conducted a surface geophysical investigation and a hydrogeologic interpretation of the fill site. Three new groundwater monitoring wells, M3MW04, M3MW05 and M3MW06, were installed at strategic locations to monitor groundwater in the area (see Figure 4.2-7 of the Weston SI presented in **Appendix B**). The monitoring wells were sampled twice for Target Compound List (TCL) plus 30 parameters (TCL+30), Target Analyte List (TAL) metals and cyanide.

Groundwater quality data for the three monitoring wells indicated that low concentrations of chlorobenzene were detected in one well (M3MW05) exceeding the NJDEP GWQC in both sampling rounds (February and March 1995). Toluene was detected in M3MW05 and M3MW06 below respective NJDEP GWQC in both sampling rounds. There were no exceedances of the NJDEP GWQC for semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs) or cyanide. Four metals (aluminum, iron, manganese and lead) were identified at concentrations exceeding the NJDEP GWQC. However, these metals were not identified as contaminants of concern.

The Weston SI Report recommended that natural degradation will decrease groundwater and surface water contamination levels in the future. The report presented a DPW proposal for the M-3 Landfill site that was subsequently implemented. A long-term groundwater and surface water monitoring program was developed utilizing the existing monitoring wells and supplemental wells installed during follow-up investigations, as well as surface water sampling locations, to document and monitor surface water and groundwater quality over time.

2.2.2 Remedial Investigation/Remedial Action Work Plan - ATC

From May 1997 through March 2000, the DPW performed a remedial investigation (RI) at Fort Monmouth, Main Post, which included the M-3 Landfill site. ATC was contracted by the DPW to evaluate the data collected during the remedial investigation and prepare the RAWP.

The RI involved performing 12 consecutive quarterly sampling events at three existing groundwater monitoring wells (M3MW04, M3MW05 and M3MW06), installing five new piezometric monitoring wells (M3MW07, M3MW08, M3MW09, M3MW10 and M3MW11), performing seven consecutive quarterly sampling events at these wells, and performing monthly sampling events from October 1996 through April 1997 and quarterly sampling events starting with July 1997 through March 2000, at five surface water sampling points (SS-4, SS-5, SS-14, SS-15 and SS-17) located throughout the Main Post of Fort Monmouth. Details covering each of these tasks are available in **Appendix A**.

The results of this investigation indicate that shallow groundwater contained VOCs (benzene, 2-butanone, chlorobenzene and vinyl chloride), pesticides (4,4'-DDE, 4,4'-DDD and 4,4'-DDT) and metals (aluminum, arsenic, cadmium, iron, lead, manganese, mercury, nickel, silver and sodium) which exceeded their respective NJDEP GWQC or ISGWQC. The end result of the RI identified chlorobenzene as the Contaminant of Concern (COC) in groundwater at the M-3 Landfill site.

The concentrations and distribution of chlorobenzene and detected pesticides in the groundwater and hydrogeological characteristics at the M-3 Landfill site suggested that this location was suitable for a natural remediation program. In general, chlorobenzene concentrations were expected to come into compliance with the NJDEP Class II ISGWQC within a five-year period, and the plume was not expected to migrate significantly during this time frame. A groundwater sampling program was designed to monitor the effectiveness of the natural attenuation program and COC concentrations in groundwater. The RIR/RAWP was submitted by ATC in July 2000 and approved by the NJDEP in February 2001.

3.0 MONITORING AND SAMPLING ACTIVITIES

As part of the approved Long-Term Monitoring (LTM) program, quarterly groundwater and surface water sampling was performed by DPW's base operations contractor, TECOM-Vinnell Sevices, Inc. (TVS) from 2nd Quarter 2000 through 3rd Quarter 2002. Sampling activities were performed in accordance with the *Fort Monmouth Standard Sampling Operating Procedure* (December 1997). Laboratory analyses of the samples collected at the M-3 Landfill site were conducted at the Fort Monmouth Environmental Testing Laboratory (FMETL), a New Jersey certified laboratory (Certification No. 13461).

3.1 Groundwater Monitoring

During the groundwater sampling program at the M-3 Landfill site (ten quarterly rounds from 2nd Quarter 2000 through 3rd Quarter 2002), groundwater was encountered in the eight monitoring wells at depths ranging from 5.18 to 14.6 feet below ground surface (bgs) (**Table 3-1**) with a varying gradient toward the northwest.

To determine groundwater flow conditions over time at the M-3 Landfill site, nine groundwater elevation contour maps were generated based on groundwater depth measurements collected from eight monitoring wells (M3MW04, M3MW05, M3MW06, M3MW07, M3MW08, M3MW09, M3MW10 and M3MW11). These contour maps (**Figures 3-1** through **3-9**) were constructed using static depth to water measurements (**Table 3-1**) observed within the same day. One round of static depth to water measurements from 2nd Quarter 2002 was erroneous, and a groundwater elevation contour map was not generated for this round.

The groundwater underlying the M-3 Landfill site consistently flows to the northwest towards Lafetra Creek at elevations ranging from 1.09 feet to 9.09 feet above mean sea level (amsl) with site gradients ranging from 0.0116 feet per foot on January 2, 2002 to 0.025 feet per foot on February 14, 2001. No significant variations in groundwater flow conditions were observed in these nine groundwater contour maps.

3.2 Groundwater Sampling

Quarterly groundwater sampling was performed by the DPW at the M-3 Landfill site from 2nd Quarter 2000 through 3rd Quarter 2002 as part of the ongoing groundwater monitoring and sampling program approved by the NJDEP. Groundwater samples were collected from eight monitoring wells (M3MW04, M3MW05, M3MW06, M3MW07, M3MW08, M3MW09, M3MW10 and M3MW11) during ten quarterly sampling events.

A total of 110 groundwater samples, including ten trip blanks, ten field blanks and ten field duplicate samples, were collected using protocols as described in the *New Jersey DEP Field Sampling Procedures Manual* (1992). The samples were analyzed for volatile organic compounds (VOCs) plus 15 tentatively identified compounds (TICs), SVOCs plus 15 TICs, pesticides, PCBs and TAL metals.

Sampling equipment was thoroughly decontaminated before and after each use, in accordance with the *Fort Monmouth Standard Sampling Operating Procedure* (1997). Following collection, groundwater samples were immediately placed in laboratory-supplied bottleware. The sample containers were labeled, sealed, packed in ice and transported to the FMETL under proper chain-of-custody procedures.

Copies of the chain-of-custody forms for the laboratory analyses and laboratory data sheets are presented in **Appendix C**. A summary of the groundwater sampling activities, including rounds, well IDs, sample IDs, sample locations, collection/analysis date, analytical parameters and analysis method is provided in **Table 3-2**. **Figure 2-2** shows the locations of the monitoring wells at the M-3 Landfill site. The results of these analyses are discussed in **Section 4.1**.

3.3 Surface Water Sampling

Surface water sampling was conducted by the DPW from June 2000 through September 2002. A total of 50 surface water samples were collected over ten rounds (round #19 through round #28) of sampling from five distinct surface water sample collection points (SS-4, SS-5, SS-14, SS-15 and SS-17). **Figure 4-1** shows the locations of the surface water sample collection points at the M-3 Landfill site. The samples were analyzed by the FMETL for VOCs plus 15 TICs, pesticides and PCBs. The results of these analyses are discussed in **Section 4.2**.

Sampling equipment was thoroughly decontaminated before and after each use, in accordance with the *Fort Monmouth Standard Sampling Operating Procedure* (1997). Surface water samples were collected and immediately placed in laboratory-supplied bottleware. The sample containers were labeled, sealed, packed in ice, and transported to the FMETL under proper chain-of-custody procedures.

Copies of the chain-of-custody forms and the laboratory analyses are presented in **Appendix D**. A summary of the surface water sampling activities, including rounds, sample IDs, stream sampling locations, collection/analysis date, analytical parameters and analysis method is provided in **Table 3-3**.

4.0 SITE CHEMICAL RESULTS

This section includes a summary discussion of the chemical characterization of the site based on the various samples collected and analyzed, including ten quarterly rounds of monitoring well samples and ten rounds of surface water samples. Sample analyses were performed by the FMETL.

4.1 Groundwater Sampling Results

A total of 80 quarterly groundwater samples were collected to evaluate the progress of the LTM program with respect to the chlorobenzene contamination at the M-3 Landfill site. Laboratory analytical results for each monitoring well are summarized in **Table 4-1** through **Table 4-8**. This section presents a summary of the laboratory results performed for the ten rounds of groundwater samples collected from 2nd Quarter 2000 through 3rd Quarter 2002. Groundwater samples were collected from eight monitoring wells (M3MW04, M3MW05, M3MW06, M3MW07, M3MW08, M3MW09, M3MW10 and M3MW11) at the M-3 Landfill site. The groundwater samples were collected and analyzed for VOCs plus 15 TICs, SVOCs plus 15 TICs, pesticides, PCBs and TAL metals.

Analytes detected in groundwater samples at concentrations above the NJDEP GWQC or ISGWQC are highlighted in **Table 4-1** through **Table 4-8**. The laboratory chain-of-custody forms and laboratory data sheets for groundwater samples are provided in **Appendix C**. **Figure 4-1** shows the groundwater contaminant distribution of the current chlorobenzene data throughout the ten sampling rounds at the M-3 Landfill site.

During the ten quarterly sampling events, a total of 15 VOCs were detected in site groundwater. Two VOCs were detected at concentrations that exceed their respective GWQC in at least one sample, while the remaining 13 VOCs were detected below their respective GWQC. A total of 15 SVOCs were detected in site groundwater below their respective GWQC. A total of nine pesticides and PCBs were detected in site groundwater below their respective GWQC. A total of 23 metals were detected in site groundwater. Nine metals were detected at concentrations that exceed their respective GWQC in at least one sample, while the remaining 14 metals were detected below their respective GWQC.

The following sections present the analytes detected above the GWQC found in the groundwater at the M-3 Landfill site.

4.1.1 Contaminant of Concern

Based on the ATC RAWP (July 2000), chlorobenzene is considered to be the only COC at the M-3 Landfill site. **Figure 4-1** shows the groundwater monitoring wells and the COC distribution of the current data within the area of the M-3 Landfill site. **Figure 4-2** through **Figure 4-7** present the trend of chlorobenzene concentrations detected in

groundwater monitoring wells M3MW05, M3MW06, M3MW08, M3MW09, M3MW10 and M3MW11, respectively. **Section 5.0** presents the discussion of the COC trends occurring in relation to the progress of the natural attenuation program at the M-3 Landfill site.

Chlorobenzene was not detected above its ISGWQC of 50 ug/L in any of the ten sampling rounds at any of the ten monitoring well locations.

4.1.2 Remaining Analyte Exceedances

The remaining contaminants, detected above their respective GWQC, occur at low to moderate concentrations in a limited number of groundwater monitoring well samples collected during this reporting period. **Section 4.1.2.1** through **Section 4.1.2.3** summarize these results. A groundwater exceedence summary is presented in **Table 4-9**.

4.1.2.1 VOCs

During ten quarterly sampling events conducted from 2nd Quarter 2000 through 3rd Quarter 2002, a total of two VOCs (benzene and vinyl chloride) were detected in site groundwater at concentrations that exceed their respective GWQC in at least one sample.

Benzene was detected at concentrations exceeding the GWQC of 1.0 ug/L in two rounds of sampling collected at one monitoring well location. Concentrations ranged from 1.44 ug/L (sampling round #1) in M3MW06 to 2.60 ug/L (sampling round #5) in M3MW06.

Vinyl chloride was detected at concentrations exceeding the GWQC of 5.0 ug/L in six rounds of sampling collected at one separate monitoring well location. Concentrations ranged from 5.20 ug/L (sampling round #5) in M3MW07 to 19.03 ug/L (sampling round #6) in M3MW07.

4.1.2.2 SVOCs

No SVOCs were detected above the appropriate GWQC at the site.

4.1.2.3 Pesticides and PCBs

No pesticides or PCBs were detected above the appropriate GWQC at the site.

4.1.2.4 Metals

During ten quarterly sampling events conducted from 2nd Quarter 2000 through 3rd Quarter 2002, a total of nine metals (aluminum, cadmium, iron, lead, manganese, mercury, nickel, silver and sodium) were detected in site groundwater at concentrations that exceed their respective GWQC in at least one sample.

Aluminum was detected at concentrations above the GWQC of 200 ug/L during ten rounds of sampling collected from six separate monitoring well locations. Concentrations ranged from 202 ug/L (sampling round #1) in M3MW09 to 2160 ug/L (sampling round #1) in M3MW11.

Cadmium was detected at concentrations above the GWQC of 4.0 ug/L during ten rounds of sampling collected from two separate monitoring well locations. Concentrations ranged from 4.08 ug/L (sampling round #5) in M3MW10 to 19.1 ug/L (sampling round #1) in M3MW11.

Iron was detected at concentrations above the GWQC of 300 ug/L during ten rounds of sampling collected from eight separate monitoring well locations. Concentrations ranged from 620 ug/L (sampling round #10) in M3MW04 to 89,700 ug/L (sampling round #7) in M3MW08.

Lead was detected at concentrations above the GWQC of 10 ug/L during four rounds of sampling collected from four separate monitoring well locations. Concentrations ranged from 14.1 ug/L (sampling round #6) in M3MW07 to 55.3 ug/L (sampling round #3) in M3MW08.

Manganese was detected at concentrations above the GWQC of 50 ug/L during ten rounds of sampling collected from eight separate monitoring well locations. Concentrations ranged from 54.2 ug/L (sampling round #7) in the field duplicate of M3MW04 to 1,890 ug/L (sampling round #2) in M3MW11.

Mercury was detected at a concentration above the GWQC of 2.0 ug/L during one round of sampling collected from one monitoring well location (M3MW04) at a concentration of 37.0 ug/L.

Nickel was detected at concentrations above the GWQC of 100 ug/L during four rounds of sampling collected from one monitoring well location (M3MW11). Concentrations ranged from 104 ug/L (sampling round #1) to 530 ug/L (sampling round #4).

Silver was detected at a concentration above the GWQC of 30 ug/L during one round of sampling (sampling round #6) collected from one monitoring well location (M3MW04) at a concentration of 948 ug/L.

Sodium was detected at concentrations above the GWQC of 50,000 ug/L during ten rounds of sampling collected from three separate monitoring well locations. Concentrations ranged from 63,200 ug/L (sampling round #2) in M3MW08 to 2,930,000 ug/L (sampling round #8) in M3MW07.

4.2 Surface Water Sampling Results

A total of 50 quarterly surface water samples were collected by DPW to determine if chlorobenzene identified in groundwater has impacted the surface water quality at the M-

3 Landfill site. This section presents a summary of the laboratory results performed for the ten rounds of sampling collected from 2nd Quarter 2000 through 3rd Quarter 2002 (round #19 through round #28). Surface water samples were collected from five distinct surface water sample collection points (SS-4, SS-5, SS-14, SS-15 and SS-17), which are in proximity to the M-3 Landfill site. The surface water samples were collected and analyzed for VOCs plus 15 TICs, pesticides and PCBs. The laboratory analytical results for stream sampling are summarized in **Table 4-10** through **Table 4-14**.

The stream sampling results were compared to the NJDEP SWQS. Analytes detected above their respective NJDEP SWQS in **Table 4-9** through **Table 4-13** are highlighted. **Figure 4-1** shows the surface water stream sites COC distribution of the current data within the area of the M-3 Landfill site. **Figure 4-8** presents the trend of chlorobenzene concentrations detected in surface water at stream site SS-17. The laboratory chain-of-custody forms for surface water samples are provided in **Appendix D**.

During ten quarterly sampling events conducted from 2nd Quarter 2000 through 3rd Quarter 2002, a total of 14 VOCs were detected in site surface water. Two VOCs were detected at concentrations that exceed their respective SWQS in at least one sample, while the remaining 12 VOCs were detected below their respective SWQS. No pesticides or PCBs were detected in site surface water.

The following section presents the results of the analytes detected above the SWQS found in the surface water at the M-3 Landfill site. A surface water exceedence summary is presented in **Table 4-15**.

4.2.1 Volatile Organic Compounds

During ten quarterly sampling events conducted from 2nd Quarter 2000 through 3rd Quarter 2002, two VOCs were detected at concentrations exceeding their respective SWQS in at least one sample.

Tetrachloroethene was detected at concentrations exceeding the SWQS of 0.388 ug/L in nine separate rounds of sampling collected at three separate site locations. Concentrations ranged from 1.64 ug/L (sampling round #26) at SS-4 to 7.19 ug/L (sampling round #22) at SS-15.

Trichloroethene was detected at concentrations exceeding the SWQS of 1.09 ug/L in one separate round of sampling collected at two separate site locations. Concentrations ranged from 1.19 ug/L (sampling round #20) at SS-4 to 1.58 ug/L (sampling round #22) at SS-15.

It should be noted that these constituents have been identified in surface water from a source upgradient of Fort Monmouth. Based on the ATC RAWP, chlorobenzene was considered to be the only COC at the M-3 Landfill site.

4.3 Quality Assurance/Quality Control (QA/QC)

In order to verify the reliability of the analytical results, Versar reviewed the holding times for each sample and the results of the analysis of ten method blanks, ten trip blanks, ten field blanks, and ten field duplicate samples. All samples were analyzed by the Fort Monmouth Environmental Testing Laboratory (FMETL) within the prescribed holding time requirements for each analytical method.

Method Blanks

Laboratory method blanks accompanied each batch of samples for the M-3 Landfill site. These method blanks consist of laboratory-grade water that is processed identically to the samples and analyzed with the sample batch. A total of ten method blanks were analyzed with the M-3 Landfill site samples.

No volatile organic compounds (VOCs) were detected in a method blank sample. The primary COC, chlorobenzene, was not detected in any of the method blank samples.

One SVOC was detected in one method blank sample. The SVOC was bis(2-ethylhexyl)phthalate, which is a component of plastics and are common laboratory contaminants. This SVOC was not detected in a concentration exceeding the NJDEP criteria, and its presence in one sample is not indicative of a widespread laboratory contamination problem.

No pesticides or PCBs were detected in a method blank sample.

Several metals were detected in at least one method blank sample, including aluminum, antimony, arsenic, barium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, selenium, silver, sodium, thallium, vanadium and zinc. Two metals, aluminum and thallium, exceeded their NJDEP criteria in one method blank sample. The remaining 19 metals were detected in only a few samples at very low concentrations below their NJDEP criteria.

Trip Blanks

Ten trip blanks were included as part of the M-3 Landfill site sampling programs to document that volatile organics were not introduced into the samples during the handling process. The trip blanks were prepared by the FMETL and consisted of sample bottles filled with laboratory deionized water. The trip blanks remained with the sample bottles in coolers and were returned to the laboratory for analysis with the groundwater samples.

Three VOCs were detected in at least one trip blank. Methylene Chloride was detected in one of the trip blanks at a concentration below the NJDEP criteria and is a common laboratory contaminant. Acetone and chloroform were each detected in two of the trip blanks at concentrations below the NJDEP criteria. The detection of acetone and chloroform indicates that the sample handling procedures, including the sample glassware, may have introduced contamination into the sampling and analysis process. However, the primary COC, chlorobenzene, was not detected in any of the trip blanks.

Field Blanks

One field blank sample was obtained during each day's sampling activities to document equipment decontamination procedures. A total of ten field blanks were collected during the M-3 Landfill site sampling events. The field blanks were collected by rinsing deionized water, supplied by the laboratory, over the sampling equipment used for each day's activities. The water was collected in clean laboratory-supplied sample jars and submitted for analysis along with the M-3 Landfill site groundwater samples.

The results of the field blank analyses showed that three VOCs were detected in at least one field blank. Methylene chloride was detected in one of the field blanks at a concentration exceeding the NJDEP criteria. However, as noted previously, methylene chloride is a common laboratory contaminant and was also found in a trip blank. Acetone was detected in one of the ten field blanks, and chloroform was detected in two of the ten field blanks, all at concentrations below the NJDEP criteria. As noted for the trip blanks, the detection of acetone and chloroform indicates that the sample handling procedures, including the sample glassware, may have introduced contamination into the sampling and analysis process. In addition, the same VOCs found in the field blanks were also found in the trip blanks, suggesting that the sampling and decontamination procedures did not introduce additional contamination. The primary COC, chlorobenzene, was not detected in any of the field blanks.

The results of the field blank analyses showed that one SVOC, bis(2-ethylhexyl)phthalate, was detected in two of the ten field blank samples collected at the M-3 Landfill site, one of which exceeded the NJDEP criteria.

The results of the field blank analyses showed that no pesticides or PCBs were detected in the ten field blank samples collected at the M-3 Landfill site.

As noted for the method blanks, several metals were detected in at least one field blank sample, including aluminum, antimony, arsenic, barium, cadmium, calcium, chromium, copper, iron, lead, magnesium, manganese, nickel, potassium, selenium, sodium, thallium and zinc. Most of the metals were detected in only a few samples at very low concentrations. Because these metals were all also detected in the method blank samples, the sampling and decontamination procedures do not appear to have been the source of sample contamination. However, any subsequent evaluation of the metals analytical results must account for the possibility of laboratory contamination resulting in false positives for the environmental samples.

Duplicate Samples

Ten field duplicate samples were also collected during the M-3 Landfill site sampling events to verify the consistency of the entire sampling and analytical procedure. The results for all of the duplicate samples were close to those obtained for the original samples.

The relative percent differences (RPDs) for the duplicate samples VOCs ranged from 1.7% to 48.0%, however, the average RPD for all of the VOCs results is 16.8%. The

RPDs for chlorobenzene ranged from 1.7% to 21.3%. This indicates that good precision was maintained despite some RPDs being greater than the established limit of 30% for laboratory duplicate samples.

The RPDs for the duplicate samples SVOCs ranged from 12.1% to 12.9%. This indicates that good precision was maintained.

The RPDs for the duplicate samples metals analyses ranged from 0.0% to 160.7%, however, the average RPD for all metals results is 18.5%. This indicates that good precision was maintained, but that the metals results were much more varied than those for the VOCs and SVOCs. The apparent metals contamination noted in the method and field blanks may have impacted the precision of the metals analysis. However, metals are not the primary COC.

The QA/QC sample results indicate good precision for all of the analyses. However, the presence of metals in the method blanks and field blanks indicate that contamination may have been introduced by the sampling and analysis procedures. Therefore, any subsequent evaluation of the metals analytical results must account for the possibility of laboratory contamination resulting in false positives for the environmental samples.

5.0 REMEDIAL ACTION PROGRESS

The data support the effectiveness of the natural attenuation program and long-term groundwater monitoring program. The primary COC, chlorobenzene, was not detected above the NJDEP criteria in the groundwater monitoring wells or surface water sampling sites at the M-3 Landfill site, suggesting that the COC has successfully attenuated naturally over time.

5.1 Progress

The groundwater analytical results presented in **Table 4-1** through **Table 4-8** indicate that chlorobenzene was not detected above its NJDEP ISGWQC in each of the groundwater monitoring wells at the M-3 Landfill site. The surface water analytical results presented in **Table 4-9** through **Table 4-13** indicate that chlorobenzene was not detected above its NJDEP SWQS at each of the surface water sampling sites at the M-3 Landfill site.

5.2 Recommendations

Based on the effectiveness of the natural attenuation and long term groundwater monitoring program, No Further Action is recommended.

6.0 REFERENCES

ATC Associates, Inc., July 2000, *Remedial Action Workplan – Landfill M-3, Main Post, Fort Monmouth, New Jersey.*

U.S. Army Garrison, Fort Monmouth, Directorate of Public Works (DPW), December 1997, *Fort Monmouth Standard Sampling Operating Procedure*, New Jersey.

U.S. Geological Survey, Photorevised 1989, *Long Branch Quadrangle Map.*

Versar Inc. (VERSAR), 18 September, 2002, *Scope of Work for the M-3 Landfill Remedial Action Progress Report, Fort Monmouth, New Jersey*.

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

Wiedemeier, T.H., Rifai, H.S., Newell, C.J., and Wilson, J.T., 1999. *Natural Attenuation of Fuels and Chlorinated Solvents in the Subsurface*. John Wiley and Sons, New York.

TABLES

Table 3-1
M-3 Groundwater Elevation Summary

Groundwater Sampling Round:		#1			#2			#3		
Well ID	Elev. of Inner Casing Survey Mark	Date	Depth to Water	Ground-water Elev.	Date	Depth to Water	Ground-water Elev.	Date	Depth to Water	Ground-water Elev.
M3-MW04	19.02	06/01/00	11.92	7.10	08/28/00	11.89	7.13	11/07/00	12.91	6.11
M3-MW05	13.30	06/01/00	8.53	4.77	08/28/00	8.31	4.99	11/07/00	9.00	4.30
M3-MW06	12.42	06/01/00	8.44	3.98	08/28/00	8.24	4.18	11/07/00	8.56	3.86
M3-MW07	12.29	06/01/00	9.24	3.05	08/28/00	9.17	3.12	11/07/00	9.61	2.68
M3-MW08	9.06	06/01/00	5.97	3.09	08/28/00	5.65	3.41	11/07/00	6.17	2.89
M3-MW09	13.83	06/01/00	11.05	2.78	08/28/00	10.73	3.10	11/07/00	11.29	2.54
M3-MW10	9.19	06/01/00	5.53	3.66	08/28/00	5.31	3.88	11/07/00	5.85	3.34
M3-MW11	12.02	06/01/00	7.93	4.09	08/28/00	8.73	3.29	11/07/00	8.05	3.97

Notes:
1) Elev.: Elevation in feet above mean sea level.
2) Depth to water: depth in feet from the inner casing survey mark.
3) NS: Not Sampled

Table 3-1
M-3 Groundwater Elevation Summary

Groundwater Sampling Round:		#4			#5			#6		
Well ID	Elev. of Inner Casing Survey Mark	Date	Depth to Water	Ground-water Elev.	Date	Depth to Water	Ground-water Elev.	Date	Depth to Water	Ground-water Elev.
M3-MW04	19.02	02/14/01	9.93	9.09	05/17/01	11.52	7.50	09/06/01	13.77	5.25
M3-MW05	13.30	02/14/01	7.14	6.16	05/17/01	8.68	4.62	09/06/01	9.32	3.98
M3-MW06	12.42	02/14/01	8.09	4.33	05/17/01	8.43	3.99	09/06/01	9.25	3.17
M3-MW07	12.29	02/14/01	10.03	2.26	05/17/01	10.29	2.00	09/06/01	10.45	1.84
M3-MW08	9.06	02/14/01	5.62	3.44	05/17/01	6.00	3.06	09/06/01	6.60	2.46
M3-MW09	13.83	02/14/01	11.02	2.81	05/17/01	11.11	2.72	09/06/01	11.38	2.45
M3-MW10	9.19	02/14/01	5.18	4.01	05/17/01	5.53	3.66	09/06/01	8.10	1.09
M3-MW11	12.02	02/14/01	7.25	4.77	05/17/01	7.81	4.21	09/06/01	8.48	3.54

Notes:
1) Elev.: Elevation in feet above mean sea level.
2) Depth to water: depth in feet from the inner casing survey mark.
3) NS: Not Sampled

Table 3-1
M-3 Groundwater Elevation Summary

Groundwater Sampling Round:		#7			#8			#9		
Well ID	Elev. of Inner Casing Survey Mark	Date	Depth to Water	Ground-water Elev.	Date	Depth to Water	Ground-water Elev.	Date	Depth to Water	Ground-water Elev.
M3-MW04	19.02	11/15/01	14.45	4.57	01/16/02	14.60	4.42	04/24/02	12.79	6.23
M3-MW05	13.30	11/15/01	9.69	3.61	01/16/02	9.21	4.09	04/24/02	8.75	4.55
M3-MW06	12.42	11/15/01	9.45	2.97	01/16/02	8.94	3.48	04/24/02	8.38	4.04
M3-MW07	12.29	11/15/01	9.98	2.31	01/16/02	10.33	1.96	04/24/02	9.01	3.28
M3-MW08	9.06	11/15/01	6.98	2.08	01/16/02	7.18	1.88	04/24/02	6.13	2.93
M3-MW09	13.83	11/15/01	11.76	2.07	01/16/02	12.00	1.83	04/24/02	6.05	7.78
M3-MW10	9.19	11/15/01	6.29	2.90	01/16/02	6.20	2.99	04/24/02	5.67	3.52
M3-MW11	12.02	11/15/01	8.49	3.53	01/16/02	8.28	3.74	04/24/02	8.00	4.02

Notes:
1) Elev.: Elevation in feet above mean sea level.
2) Depth to water: depth in feet from the inner casing survey mark.
3) NS: Not Sampled

Table 3-1
M-3 Groundwater Elevation Summary

Groundwater Sampling Round: #10

Well ID	Elev. of Inner Casing Survey Mark	Date	Depth to Water	Ground-water Elev.
M3-MW04	19.02	07/16/02	13.39	5.63
M3-MW05	13.30	07/16/02	9.24	4.06
M3-MW06	12.42	07/16/02	9.07	3.35
M3-MW07	12.29	07/16/02	10.44	1.85
M3-MW08	9.06	07/16/02	6.77	2.29
M3-MW09	13.83	07/16/02	11.60	2.23
M3-MW10	9.19	07/16/02	6.10	3.09
M3-MW11	12.02	07/16/02	8.50	3.52

Notes:
1) Elev.: Elevation in feet above mean sea level.
2) Depth to water: depth in feet from the inner casing survey mark.
3) NS: Not Sampled

Table 3-2
Sample Collection Summary
Site M-3
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
#1						
	TB	5448.01	6/1/2000	Aqueous	VOCs	Method 8260
	FB	5448.02	6/1/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	FD	5448.03	6/1/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW04	5448.04	6/1/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW05	5448.05	6/1/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW06	5448.06	6/1/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW07	5448.07	6/1/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW08	5448.08	6/1/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW09	5448.09	6/1/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW10	5448.1	6/1/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW11	5448.11	6/1/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
#2						
	TB	5664.01	8/28/2000	Aqueous	VOCs	Method 8260
	FB	5664.02	8/28/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	FD	5664.03	8/28/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW04	5664.04	8/28/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW05	5664.05	8/28/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW06	5664.06	8/28/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW07	5664.07	8/28/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW08	5664.08	8/28/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW09	5664.09	8/28/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW10	5664.10	8/28/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW11	5664.11	8/28/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
#3						
	TB	5837.01	11/7/2000	Aqueous	VOCs	Method 8260
	FB	5837.02	11/7/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	FD	5837.03	11/7/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW04	5837.04	11/7/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW05	5837.05	11/7/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW06	5837.06	11/7/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW07	5837.07	11/7/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW08	5837.08	11/7/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW09	5837.09	11/7/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW10	5837.10	11/7/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260

Notes: Metals = Target Analyte List Metals
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
Pest/PCBs = Pesticides/Polychlorinated Biphenyls

Table 3-2
Sample Collection Summary
Site M-3
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	M3MW11	5837.11	11/7/2000	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
#4						
	TB	802	2/14/2001	Aqueous	VOCs	Method 8260
	FB	803	2/14/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	FD	804	2/14/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW04	805	2/14/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW05	806	2/14/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW06	807	2/14/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW07	808	2/14/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW08	809	2/14/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW09	810	2/14/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW10	811	2/14/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW11	812	2/14/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
#5						
	FB	16123.02	5/17/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	FD	16123.03	5/17/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW04	16123.04	5/17/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW05	16123.05	5/17/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW06	16123.06	5/17/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW07	16123.07	5/17/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW08	16123.08	5/17/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW09	16123.09	5/17/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW10	16123.1	5/17/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW11	16123.11	5/17/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
#6						
	TB	1641401	9/6/2001	Aqueous	VOCs	Method 8260
	FB	1641402	9/6/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	FD	1641403	9/6/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW04	1641404	9/6/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW05	1641405	9/6/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW06	1641406	9/6/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW07	1641407	9/6/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW08	1641408	9/6/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW09	1641409	9/6/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW10	1641410	9/6/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260

Notes: Metals = Target Analyte List Metals
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
Pest/PCBs = Pesticides/Polychlorinated Biphenyls

Table 3-2
Sample Collection Summary
Site M-3
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	M3MW11	1641411	9/6/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
#7						
	TB	1658301	11/15/2001	Aqueous	VOCs	Method 8260
	FB	1658302	11/15/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	FD	1658303	11/15/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW04	1658304	11/15/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW05	1658305	11/15/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW06	1658306	11/15/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW07	1658307	11/15/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW08	1658308	11/15/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW09	1658309	11/15/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW10	1658310	11/15/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW11	1658311	11/15/2001	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
#8						
	TB	2003401	1/16/2002	Aqueous	VOCs	Method 8260
	FB	2003402	1/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	FD	2003403	1/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW04	2003404	1/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW05	2003405	1/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW06	2003406	1/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW07	2003407	1/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW08	2003408	1/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW09	2003409	1/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW10	2003410	1/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW11	2003411	1/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
#9						
	TB	2022201	4/24/2002	Aqueous	VOCs	Method 8260
	FB	2022202	4/24/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	FD	2022203	4/24/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW04	2022204	4/24/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW05	2022205	4/24/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW06	2022206	4/24/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW07	2022207	4/24/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW08	2022208	4/24/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW09	2022209	4/24/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260

Notes: Metals = Target Analyte List Metals
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
Pest/PCBs = Pesticides/Polychlorinated Biphenyls

Table 3-2
Sample Collection Summary
Site M-3
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	M3MW10	2022210	4/24/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW11	2022211	4/24/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
#10						
	TB	2044701	7/16/2002	Aqueous	VOCs	Method 8260
	FB	2044702	7/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	FD	2044703	7/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW04	2044704	7/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW05	2044705	7/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW06	2044706	7/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW07	2044707	7/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW08	2044708	7/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW09	2044709	7/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW10	2044710	7/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260
	M3MW11	2044711	7/16/2002	Aqueous	Metals; Pest/PCBs; SVOCs; VOCs	Methods 3112B and 3120B; Method 608; Method 8270; Method 8260

Notes: Metals = Target Analyte List Metals
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
Pest/PCBs = Pesticides/Polychlorinated Biphenyls

Table 3-3
Sample Collection Summary
Site Surface Water
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
#19						
	SS-15	5468.12	6/12/2000	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-5	5468.15	6/12/2000	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-4	5468.16	6/12/2000	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-17	5468.18	6/12/2000	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-14	5468.20	6/12/2000	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
#20						
	SS-15	5658.12	8/24/2000	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-5	5658.15	8/24/2000	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-4	5658.16	8/24/2000	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-17	5658.18	8/24/2000	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-14	5658.20	8/24/2000	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
#21						
	SS-15	5868.12	11/20/2000	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-5	5868.15	11/20/2000	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-4	5868.16	11/20/2000	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-17	5868.18	11/20/2000	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-14	5868.20	11/20/2000	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
#22						
	SS-5	1309	3/8/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-4	1310	3/8/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-17	1312	3/8/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-14	1314	3/8/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-15	962	2/21/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
#23						
	SS-15	16120.12	5/16/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-5	16120.15	5/16/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-4	16120.16	5/16/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-17	16120.18	5/16/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-14	16120.20	5/16/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
#24						
	SS-15	16449.08	9/25/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-14	16449.10	9/25/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)

Notes: Metals = Target Analyte List Metals
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
Pest/PCBs = Pesticides/Polychlorinated Biphenyls

Table 3-3
Sample Collection Summary
Site Surface Water
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	SS-4	16449.14	9/25/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-5	16449.16	9/25/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-17	16449.19	9/25/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
#25						
	SS-15	16579.12	11/14/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-4	16579.19	11/14/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-5	16579.20	11/14/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-17	16579.22	11/14/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-14	16579.25	11/14/2001	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
#26						
	SS-15	2008612	2/11/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-4	2008619	2/11/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-5	2008620	2/11/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-17	2008622	2/11/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-14	2008625	2/11/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
#27						
	SS-15	2037611	6/18/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-4	2037619	6/18/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-5	2037620	6/18/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-17	2037622	6/18/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-14	2037625	6/18/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
#28						
	SS-14	2066604	9/18/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-15	2066607	9/18/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-4	2066610	9/18/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-5	2066622	9/18/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-17	2066625	9/18/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)

Notes: Metals = Target Analyte List Metals
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
Pest/PCBs = Pesticides/Polychlorinated Biphenyls

Table 4-1

Groundwater Sampling Results

Site M-3

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
WELL ID			M3MW04	M3MW04	M3MW04	M3MW04	M3MW04	M3MW04	M3MW04	M3MW04	M3MW04	M3MW04
Date Collected			6/1/2000	8/28/2000	11/7/2000	2/14/2001	5/17/2001	9/6/2001	11/15/2001	1/16/2002	4/24/2002	7/16/2002
ANALYTE / Lab ID	Criterion	Units	5448.04	5664.04	5837.04	805	16123.04	1641404	1658304	2003404	2022204	2044704
VOCs												
Acetone	700	ug/L	ND	ND	5.16	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals												
Aluminum	200	ug/L	281	231	129	148	253	ND	ND	52.9	57.2	139
Antimony	20	ug/L	3.10	ND	ND	ND	ND	ND	ND	ND	3.80	ND
Arsenic	8	ug/L	ND	4.30	ND	3.62	ND	2.71	ND	ND	ND	ND
Barium	2000	ug/L	71.8	176	200	127	54.0	165	109	153	166	185
Cadmium	4	ug/L	0.909	3.25	2.81	ND	0.99	2.41	2.67	3.75	3.95	3.81
Calcium	NLE	ug/L	28000	55600	48900	40000	13700	52600	50400	63300	68400	70400
Chromium	100	ug/L	4.45	ND	ND	0.909	1.01	2.49	5.99	1.84	1.22	1.27
Cobalt	100 *	ug/L	10.7	15.6	19.3	8.99	6.73	10.4	2.55	5.95	7.34	8.40
Copper	1000	ug/L	9.93	ND	ND	ND	ND	15.3	3.21	3.53	ND	15.0
Iron	300	ug/L	1390	3960	4940	2990	2370	4370	1140	1120	262	620
Lead	10	ug/L	2.93	1.37	ND	ND	ND	2.20	2.49	ND	ND	ND
Magnesium	NLE	ug/L	9760	10300	10300	9910	6960	9190	6860	10100	10100	10300
Manganese	50	ug/L	22.4	49.4	54.4	42.1	12.5	61.8	54.8	205	71.2	77.8
Nickel	100	ug/L	53.5	50.8	69.7	37.0	25.9	51.7	22.7	38.0	41.8	46.5
Potassium	NLE	ug/L	4950	8610	8230	5950	3100	8490	8200	11800	10300	9060
Selenium	50	ug/L	5.53	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	50000	ug/L	25800	28500	30300	21400	18600	24600	19900	32700	24600	24400
Vanadium	NLE	ug/L	ND	0.857	1.18	ND	ND	1.22	1.23	0.628	1.11	0.593
Zinc	5000	ug/L	124	94.1	91.5	68.4	83.2	70.1	27.0	51.4	41.1	57.3

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit;
ND = Not Detected; ug/L =micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;
Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-2

Groundwater Sampling Results

Site M-3

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
WELL ID			M3MW05	M3MW05	M3MW05	M3MW05	M3MW05	M3MW05	M3MW05	M3MW05	M3MW05	M3MW05
Date Collected			6/1/2000	8/28/2000	11/7/2000	2/14/2001	5/17/2001	9/6/2001	11/15/2001	1/16/2002	4/24/2002	7/16/2002
ANALYTE / Lab ID	Criterion	Units	5448.05	5664.05	5837.05	806	16123.05	1641405	1658305	2003405	2022205	2044705
VOCs												
Acetone	700	ug/L	ND	ND	ND	ND	3.94	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	4.32	5.72	5.41	3.33	4.94	5.88	4.00	3.69	4.14	3.81
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
Bis(2-ethylhexyl)phthalate	30	ug/L	3.89	3.79	3.12	1.48	2.58	2.85	1.18	2.81	3.12	3.83
Metals												
Aluminum	200	ug/L	13.2	101	ND	ND	21.5	ND	ND	ND	ND	32.6
Antimony	20	ug/L	ND	2.68	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	8	ug/L	ND	ND	ND	ND	5.03	2.33	ND	ND	ND	ND
Barium	2000	ug/L	693	630	686	639	557	663	650	673	627	665
Cadmium	4	ug/L	ND	ND	ND	0.81	3.62	2.01	1.70	1.49	ND	ND
Calcium	NLE	ug/L	98200	94800	91500	99300	89700	89700	90800	95300	102000	94900
Chromium	100	ug/L	8.19	ND	1.81	0.581	9.18	ND	0.999	ND	ND	ND
Cobalt	100 *	ug/L	ND	0.868	ND	ND	ND	1.70	1.70	1.92	1.80	1.59
Copper	1000	ug/L	6.40	ND	ND	ND	7.40	9.80	6.94	7.32	3.89	3.64
Iron	300	ug/L	73900	69900	67700	66300	62100	68800	75800	78400	77500	71900
Lead	10	ug/L	ND	1.98	ND	ND	6.33	5.83	9.87	4.05	3.51	6.07
Magnesium	NLE	ug/L	16600	15800	15300	17300	15600	15200	15400	16600	17700	16300
Manganese	50	ug/L	430	382	429	426	401	433	460	684	516	448
Nickel	100	ug/L	10.9	ND	ND	ND	1.94	ND	ND	ND	ND	ND
Potassium	NLE	ug/L	10700	11900	10500	10700	9670	9840	10400	11300	11000	10200
Selenium	50	ug/L	7.70	ND	10.2	ND	ND	ND	ND	4.77	ND	6.95
Sodium	50000	ug/L	15000	15600	16100	16200	14700	16100	18800	21000	17200	18500
Vanadium	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	5000	ug/L	13.2	23.8	21.3	5.86	15.5	12.7	30.1	49.4	11.0	14.8

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit;
ND = Not Detected; ug/L =micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;
Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-3

Groundwater Sampling Results

Site M-3

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
WELL ID			M3MW06	M3MW06	M3MW06	M3MW06	M3MW06	M3MW06	M3MW06	M3MW06	M3MW06	M3MW06
Date Collected			6/1/2000	8/28/2000	11/7/2000	2/14/2001	5/17/2001	9/6/2001	11/15/2001	1/16/2002	4/24/2002	7/16/2002
ANALYTE / Lab ID	Criterion	Units	5448.06	5664.06	5837.06	807	16123.06	1641406	1658306	2003406	2022206	2044706
VOCs												
Acetone	700	ug/L	ND	ND	6.55	ND	4.76	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	2.05	3.18	2.52	1.65	2.25	2.98	5.24	3.09	1.47	2.32
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.33
Metals												
Aluminum	200	ug/L	ND	141	ND	ND	16.9	ND	ND	ND	ND	ND
Antimony	20	ug/L	2.29	3.66	ND	2.32	ND	ND	ND	ND	2.51	ND
Arsenic	8	ug/L	ND	ND	ND	ND	ND	ND	ND	4.14	ND	4.25
Barium	2000	ug/L	153	111	114	64.1	56.1	31.5	86.4	103	87.5	61.1
Cadmium	4	ug/L	ND	ND	ND	ND	ND	ND	1.78	ND	ND	ND
Calcium	NLE	ug/L	173000	124000	115000	107000	87100	59200	130000	167000	184000	138000
Chromium	100	ug/L	13.6	ND	4.57	2.50	2.57	0.831	2.03	3.15	1.34	1.14
Cobalt	100 *	ug/L	ND	0.707	ND	0.647	0.58	1.21	3.32	1.89	3.09	2.32
Copper	1000	ug/L	8.82	45.4	ND	ND	ND	9.40	12.2	4.22	5.80	6.23
Iron	300	ug/L	22300	19400	13600	13600	12200	13400	46500	25200	18500	44200
Lead	10	ug/L	ND	2.56	ND	ND	ND	1.36	3.35	ND	1.89	2.24
Magnesium	NLE	ug/L	38300	31200	26600	24100	22700	14100	38300	37000	38600	30600
Manganese	50	ug/L	877	676	534	623	517	391	902	989	913	889
Nickel	100	ug/L	11.8	ND	ND	7.15	4.40	5.87	17.6	15.0	39.8	10.8
Potassium	NLE	ug/L	10600	9570	10600	7130	7320	5360	11500	12000	9940	8470
Selenium	50	ug/L	7.14	ND	12.0	ND	9.75	ND	ND	ND	4.74	ND
Sodium	50000	ug/L	15200	24100	23100	13800	14100	15800	134000	63300	35500	33300
Vanadium	NLE	ug/L	ND	ND	1.49	ND	ND	ND	0.866	1.03	1.63	ND
Zinc	5000	ug/L	55.4	78.6	47.5	203	91.7	189	416	544	1420	218

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit;
ND = Not Detected; ug/L =micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;
Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-4

Groundwater Sampling Results

Site M-3

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
WELL ID			M3MW07	M3MW07	M3MW07	M3MW07	M3MW07	M3MW07	M3MW07	M3MW07	M3MW07	M3MW07
Date Collected			6/1/2000	8/28/2000	11/7/2000	2/14/2001	5/17/2001	9/6/2001	11/15/2001	1/16/2002	4/24/2002	7/16/2002
ANALYTE / Lab ID	Criterion	Units	5448.07	5664.07	5837.07	808	16123.07	1641407	1658307	2003407	2022207	2044707
VOCs												
Acetone	700	ug/L	ND	ND	7.88	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.66
Metals												
Aluminum	200	ug/L	362	333	745	67.6	258	328	ND	628	734	115
Antimony	20	ug/L	3.55	3.73	ND	ND	3.17	ND	ND	ND	ND	ND
Arsenic	8	ug/L	ND	5.75	ND	5.47	ND	ND	ND	ND	ND	ND
Barium	2000	ug/L	280	336	303	221	135	155	442	870	300	243
Cadmium	4	ug/L	1.38	0.691	2.07	ND	1.68	ND	ND	1.46	ND	ND
Calcium	NLE	ug/L	210000	213000	186000	164000	149000	130000	304000	381000	255000	198000
Chromium	100	ug/L	23.8	12.7	18.0	7.64	1.75	6.44	5.82	11.1	9.68	2.27
Cobalt	100 *	ug/L	ND	0.6	0.821	ND	ND	1.27	1.13	1.01	1.36	0.694
Copper	1000	ug/L	20.7	ND	110	ND	105	222	30.2	55.4	42.3	8.38
Iron	300	ug/L	17500	20500	21300	17100	9680	16800	17500	31300	13000	10700
Lead	10	ug/L	3.75	1.25	18.0	ND	7.12	14.1	5.46	8.11	6.57	1.56
Magnesium	NLE	ug/L	90300	116000	101000	77700	49900	67600	220000	355000	150000	115000
Manganese	50	ug/L	650	949	898	697	811	651	1290	1240	891	730
Nickel	100	ug/L	8.86	ND	1.14	ND	1.46	10.9	ND	2.54	ND	ND
Potassium	NLE	ug/L	32200	38000	42400	25800	17900	27500	75400	132000	58600	42500
Selenium	50	ug/L	9.25	ND	7.92	ND	15.6	ND	10.8	25.0	17.4	13.7
Sodium	50000	ug/L	630000	1010000	828000	468000	254000	382000	1720000	2930000	871000	944000
Vanadium	NLE	ug/L	ND	ND	4.35	1.35	1.85	2.89	2.26	4.49	4.93	1.96
Zinc	5000	ug/L	341	222	571	89.3	288	524	347	780	407	226

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit;
ND = Not Detected; ug/L =micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;
Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-5

Groundwater Sampling Results

Site M-3

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
WELL ID			M3MW08	M3MW08	M3MW08	M3MW08	M3MW08	M3MW08	M3MW08	M3MW08	M3MW08	M3MW08
Date Collected			6/1/2000	8/28/2000	11/7/2000	2/14/2001	5/17/2001	9/6/2001	11/15/2001	1/16/2002	4/24/2002	7/16/2002
ANALYTE / Lab ID	Criterion	Units	5448.08	5664.08	5837.08	809	16123.08	1641408	1658308	2003408	2022208	2044708
VOCs												
Acetone	700	ug/L	ND	ND	4.34	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	ND	1.85	2.08	ND	1.78	1.65	1.39	1.52	1.88	2.04
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	2.51	1.91	ND	1.60	ND	1.98	1.15	ND	1.19
Metals												
Aluminum	200	ug/L	119	173	276	138	62.5	ND	694	368	309	335
Antimony	20	ug/L	ND	2.54	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	8	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.27
Barium	2000	ug/L	233	352	413	380	287	380	817	815	427	326
Cadmium	4	ug/L	ND	ND	ND	ND	2.66	1.44	ND	0.618	ND	ND
Calcium	NLE	ug/L	81300	100000	101000	72600	70400	83200	246000	243000	157000	102000
Chromium	100	ug/L	8.97	ND	4.24	3.34	6.87	ND	2.65	0.661	2.27	0.963
Cobalt	100 *	ug/L	ND	ND	ND	ND	ND	0.928	1.47	1.67	1.14	0.942
Copper	1000	ug/L	24.4	ND	388	ND	2.60	107	11.8	12.5	47.3	10.1
Iron	300	ug/L	41700	45600	54900	62200	43500	48000	89700	76400	42500	35900
Lead	10	ug/L	5.57	2.29	55.3	ND	2.57	8.70	5.72	3.41	9.72	3.49
Magnesium	NLE	ug/L	19300	19200	17700	16500	10900	11800	86800	93000	44700	21900
Manganese	50	ug/L	575	722	782	629	616	711	1490	1530	912	686
Nickel	100	ug/L	11.1	ND	7.62	ND	ND	3.81	ND	1.14	2.29	ND
Potassium	NLE	ug/L	6610	7830	7280	5900	4710	6250	22900	21300	17900	9100
Selenium	50	ug/L	5.55	ND	4.50	ND	ND	ND	ND	ND	9.80	10.7
Sodium	50000	ug/L	69800	63200	36900	32500	15600	15200	606000	593000	324000	106000
Vanadium	NLE	ug/L	ND	ND	1.96	ND	ND	ND	0.895	ND	1.25	0.855
Zinc	5000	ug/L	61.4	35.7	541	25.8	23.8	156	62.3	87.2	93.9	33.4

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit;
ND = Not Detected; ug/L =micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;
Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-6

Groundwater Sampling Results

Site M-3

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
WELL ID			M3MW09	M3MW09	M3MW09	M3MW09	M3MW09	M3MW09	M3MW09	M3MW09	M3MW09	M3MW09
Date Collected			6/1/2000	8/28/2000	11/7/2000	2/14/2001	5/17/2001	9/6/2001	11/15/2001	1/16/2002	4/24/2002	7/16/2002
ANALYTE / Lab ID	Criterion	Units	5448.09	5664.09	5837.09	810	16123.09	1641409	1658309	2003409	2022209	2044709
VOCs												
Acetone	700	ug/L	ND	ND	4.22	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	15.39	20.54	16.01	14.74	15.66	17.23	10.59	15.30	17.79	12.47
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
Bis(2-ethylhexyl)phthalate	30	ug/L	3.44	3.29	3.13	1.59	3.00	2.64	2.10	2.12	ND	1.16
Metals												
Aluminum	200	ug/L	202	257	195	73.4	97.0	1040	ND	741	239	241
Antimony	20	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	8	ug/L	ND	ND	ND	ND	ND	5.39	ND	2.90	ND	2.69
Barium	2000	ug/L	414	376	417	402	333	375	343	395	376	393
Cadmium	4	ug/L	ND	ND	ND	ND	3.77	3.38	1.99	2.35	ND	0.567
Calcium	NLE	ug/L	73800	71400	67900	68800	59300	63700	73700	70400	74400	69100
Chromium	100	ug/L	8.63	ND	2.41	2.26	9.23	11.2	8.76	6.41	1.02	0.646
Cobalt	100 *	ug/L	ND	0.883	ND	ND	ND	3.03	2.29	3.03	2.34	2.34
Copper	1000	ug/L	6.86	ND	ND	ND	ND	69.7	5.63	12.8	5.67	6.53
Iron	300	ug/L	70600	66500	61700	62400	59500	78300	75700	83300	73000	76800
Lead	10	ug/L	4.60	4.72	ND	ND	2.93	34.1	6.08	15.0	8.19	6.37
Magnesium	NLE	ug/L	15900	15100	14300	15500	12200	14100	19900	16500	16100	14700
Manganese	50	ug/L	758	723	666	974	694	660	646	693	566	664
Nickel	100	ug/L	9.28	ND	ND	ND	ND	4.13	3.78	1.91	ND	ND
Potassium	NLE	ug/L	9480	10300	10200	8840	8030	10100	12200	12100	12300	9670
Selenium	50	ug/L	6.33	ND	ND	ND	ND	ND	ND	8.66	11.9	5.61
Sodium	50000	ug/L	23200	14600	13400	12100	13000	10200	35500	22000	21900	16100
Vanadium	NLE	ug/L	ND	ND	1.25	ND	ND	5.85	0.602	2.78	1.44	1.06
Zinc	5000	ug/L	70.8	50.1	46.9	21.6	52.5	405	86.6	161	71.9	82.1

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit;
ND = Not Detected; ug/L =micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;
Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-7

Groundwater Sampling Results

Site M-3

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
WELL ID			M3MW10	M3MW10	M3MW10	M3MW10	M3MW10	M3MW10	M3MW10	M3MW10	M3MW10	M3MW10
Date Collected			6/1/2000	8/28/2000	11/7/2000	2/14/2001	5/17/2001	9/6/2001	11/15/2001	1/16/2002	4/24/2002	7/16/2002
ANALYTE / Lab ID	Criterion	Units	5448.1	5664.10	5837.10	811	16123.1	1641410	1658310	2003410	2022210	2044710
VOCs												
Acetone	700	ug/L	ND	ND	7.00	ND	10.05	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	11.80	18.05	18.59	13.84	15.98	15.80	15.80	16.34	16.05	14.75
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
Bis(2-ethylhexyl)phthalate	30	ug/L	2.15	2.66	1.60	ND	1.36	1.50	1.49	1.10	ND	1.16
Metals												
Aluminum	200	ug/L	187	910	397	97.0	827	925	1990	1510	778	1160
Antimony	20	ug/L	2.32	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	8	ug/L	ND	ND	ND	2.28	6.18	ND	3.57	3.68	3.37	ND
Barium	2000	ug/L	678	604	689	762	625	655	685	811	649	615
Cadmium	4	ug/L	ND	ND	ND	2.93	4.08	2.05	1.36	1.93	ND	ND
Calcium	NLE	ug/L	109000	104000	110000	92600	97500	105000	115000	127000	111000	111000
Chromium	100	ug/L	9.85	ND	5.08	2.82	17.4	8.85	12.9	8.72	3.88	8.29
Cobalt	100 *	ug/L	ND	1.31	ND	ND	ND	2.22	2.74	2.60	2.19	2.15
Copper	1000	ug/L	22.1	ND	ND	ND	ND	11.6	4.97	5.92	5.34	3.53
Iron	300	ug/L	62300	64400	64800	84400	66700	62300	68300	79100	67900	63200
Lead	10	ug/L	ND	1.60	ND	ND	4.31	5.64	9.11	5.52	5.17	5.01
Magnesium	NLE	ug/L	17300	16200	16500	14800	15500	16500	20200	20300	17600	17300
Manganese	50	ug/L	735	564	588	630	553	525	526	708	585	572
Nickel	100	ug/L	11.6	ND	ND	ND	1.92	ND	1.35	1.70	ND	ND
Potassium	NLE	ug/L	10300	11700	11400	8440	9390	11300	13200	13700	12100	11300
Selenium	50	ug/L	6.90	ND	6.55	ND	ND	ND	ND	5.82	17.5	7.04
Sodium	50000	ug/L	14400	16200	16400	12300	13900	15300	40200	25300	16100	17800
Vanadium	NLE	ug/L	ND	2.97	3.28	ND	4.88	5.91	10.4	6.19	4.48	5.76
Zinc	5000	ug/L	19.3	42.2	23.5	21.9	33.1	27.8	56.9	54.6	40.9	33.5

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit;
ND = Not Detected; ug/L =micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;
Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-8

Groundwater Sampling Results

Site M-3

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
WELL ID			M3MW11	M3MW11	M3MW11	M3MW11	M3MW11	M3MW11	M3MW11	M3MW11	M3MW11	M3MW11
Date Collected			6/1/2000	8/28/2000	11/7/2000	2/14/2001	5/17/2001	9/6/2001	11/15/2001	1/16/2002	4/24/2002	7/16/2002
ANALYTE / Lab ID	Criterion	Units	5448.11	5664.11	5837.11	812	16123.11	1641411	1658311	2003411	2022211	2044711
VOCs												
Acetone	700	ug/L	ND	ND	ND	ND	4.52	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	3.56	3.27	5.65	1.64	3.97	4.43	4.78	4.73	3.98	4.19
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	1.90	1.39	ND	ND	ND	ND	1.20	1.34	1.40
Metals												
Aluminum	200	ug/L	2160	1250	1380	289	858	702	752	682	545	1600
Antimony	20	ug/L	2.68	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	8	ug/L	ND	2.63	ND	5.51	ND	2.94	3.14	3.15	2.23	3.64
Barium	2000	ug/L	436	271	464	330	263	330	388	417	423	339
Cadmium	4	ug/L	19.1	12.7	8.89	6.31	6.91	4.48	5.30	4.30	31.7	13.1
Calcium	NLE	ug/L	133000	133000	115000	163000	99700	115000	131000	133000	145000	148000
Chromium	100	ug/L	17.7	ND	7.84	2.43	12.3	4.61	4.90	3.45	1.42	6.93
Cobalt	100 *	ug/L	2.50	15.1	1.43	6.50	2.10	2.73	3.00	2.66	4.34	3.79
Copper	1000	ug/L	132	67.9	18.9	14.3	39.4	28.6	28.1	20.4	52.7	50.7
Iron	300	ug/L	64800	50600	63600	43300	48500	52400	54200	56200	60400	47700
Lead	10	ug/L	17.8	4.17	4.35	ND	5.52	6.09	6.62	4.40	5.11	7.25
Magnesium	NLE	ug/L	11300	11000	10000	13000	8600	9960	11300	11400	12300	12400
Manganese	50	ug/L	1010	1890	873	1400	910	702	694	855	1100	698
Nickel	100	ug/L	104	469	38.0	530	116	36.7	46.9	40.5	78.1	54.3
Potassium	NLE	ug/L	6780	7090	7190	7190	5480	6770	7850	8170	8360	7640
Selenium	50	ug/L	7.16	ND	4.98	4.98	ND	ND	ND	ND	6.65	ND
Sodium	50000	ug/L	10200	11300	9290	20100	ND	5790	9940	8240	ND	2930
Vanadium	NLE	ug/L	2.25	1.86	5.52	ND	3.41	3.58	3.78	2.26	2.52	5.22
Zinc	5000	ug/L	1550	3850	1060	3140	1880	731	942	847	2150	1360

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit;
ND = Not Detected; ug/L =micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;
Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-9
Exceedance Summary
Site M-3
Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
VOCs							
Benzene	**1**						
		M3MW06				**Maximum Result: 2.6**	ug/L
			#1	6/1/2000	5448.06	1.44	ug/L
			#5	5/17/2001	16123.06	2.60	ug/L
Methylene Chloride	**3 ***						
		FB				**Maximum Result: 13.31**	ug/L
			#7	11/15/2001	1658302	13.31	ug/L
Vinyl chloride	**5**						
		FD				**Maximum Result: 17.69**	ug/L
			#3	11/7/2000	5837.03	17.69	ug/L
			#8	1/16/2002	2003403	6.44	ug/L
		M3MW07				**Maximum Result: 19.03**	ug/L
			#3	11/7/2000	5837.07	17.64	ug/L
			#5	5/17/2001	16123.07	5.20	ug/L
			#6	9/6/2001	1641407	19.03	ug/L
			#7	11/15/2001	1658307	7.58	ug/L
			#8	1/16/2002	2003407	5.36	ug/L
			#10	7/16/2002	2044707	17.82	ug/L
SVOCs							
Bis(2-ethylhexyl)phthalate	**30**						
		FB				**Maximum Result: 64.06**	ug/L
			#7	11/15/2001	1658302	64.06	ug/L
Metals							
Aluminum	**200**						
		FB				**Maximum Result: 276**	ug/L
			#5	5/17/2001	16123.02	276	ug/L
		FD				**Maximum Result: 1370**	ug/L
			#1	6/1/2000	5448.03	1370	ug/L
			#2	8/28/2000	5664.03	431	ug/L
			#3	11/7/2000	5837.03	685	ug/L
			#5	5/17/2001	16123.03	241	ug/L
			#8	1/16/2002	2003403	572	ug/L
		M3MW04				**Maximum Result: 281**	ug/L
			#1	6/1/2000	5448.04	281	ug/L
			#2	8/28/2000	5664.04	231	ug/L
			#5	5/17/2001	16123.04	253	ug/L
		M3MW07				**Maximum Result: 745**	ug/L
			#1	6/1/2000	5448.07	362	ug/L
			#2	8/28/2000	5664.07	333	ug/L
			#3	11/7/2000	5837.07	745	ug/L
			#5	5/17/2001	16123.07	258	ug/L
			#6	9/6/2001	1641407	328	ug/L
			#8	1/16/2002	2003407	628	ug/L
			#9	4/24/2002	2022207	734	ug/L
		M3MW08				**Maximum Result: 694**	ug/L
			#3	11/7/2000	5837.08	276	ug/L
			#7	11/15/2001	1658308	694	ug/L
			#8	1/16/2002	2003408	368	ug/L
			#9	4/24/2002	2022208	309	ug/L
			#10	7/16/2002	2044708	335	ug/L

Notes: Metals = Target Analyte List Metals
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
Pest/PCBs = Pesticides/PolychlorinatedBiphenyls
Criterion =Higher of Practical Quantitation Limits (PQLs) _Groundwater Quality Criteria (GWQC) per NJAC 7:9-6
* = Interim Groundwater Criterion

Shaded block identifies concentration that exceeds criterion.

Table 4-9
Exceedance Summary
Site M-3
Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
		M3MW09				**Maximum Result: 1040**	ug/L
			#1	6/1/2000	5448.09	202	ug/L
			#2	8/28/2000	5664.09	257	ug/L
			#6	9/6/2001	1641409	1040	ug/L
			#8	1/16/2002	2003409	741	ug/L
			#9	4/24/2002	2022209	239	ug/L
			#10	7/16/2002	2044709	241	ug/L
		M3MW10				**Maximum Result: 1990**	ug/L
			#2	8/28/2000	5664.10	910	ug/L
			#3	11/7/2000	5837.10	397	ug/L
			#5	5/17/2001	16123.1	827	ug/L
			#6	9/6/2001	1641410	925	ug/L
			#7	11/15/2001	1658310	1990	ug/L
			#8	1/16/2002	2003410	1510	ug/L
			#9	4/24/2002	2022210	778	ug/L
			#10	7/16/2002	2044710	1160	ug/L
		M3MW11				**Maximum Result: 2160**	ug/L
			#1	6/1/2000	5448.11	2160	ug/L
			#2	8/28/2000	5664.11	1250	ug/L
			#3	11/7/2000	5837.11	1380	ug/L
			#4	2/14/2001	812	289	ug/L
			#5	5/17/2001	16123.11	858	ug/L
			#6	9/6/2001	1641411	702	ug/L
			#7	11/15/2001	1658311	752	ug/L
			#8	1/16/2002	2003411	682	ug/L
			#9	4/24/2002	2022211	545	ug/L
			#10	7/16/2002	2044711	1600	ug/L
Cadmium	**4**						
		FD				**Maximum Result: 11.7**	ug/L
			#1	6/1/2000	5448.03	11.7	ug/L
		M3MW10				**Maximum Result: 4.08**	ug/L
			#5	5/17/2001	16123.1	4.08	ug/L
		M3MW11				**Maximum Result: 31.7**	ug/L
			#1	6/1/2000	5448.11	19.1	ug/L
			#2	8/28/2000	5664.11	12.7	ug/L
			#3	11/7/2000	5837.11	8.89	ug/L
			#4	2/14/2001	812	6.31	ug/L
			#5	5/17/2001	16123.11	6.91	ug/L
			#6	9/6/2001	1641411	4.48	ug/L
			#7	11/15/2001	1658311	5.30	ug/L
			#8	1/16/2002	2003411	4.30	ug/L
			#9	4/24/2002	2022211	31.7	ug/L
			#10	7/16/2002	2044711	13.1	ug/L
Iron	**300**						
		FD				**Maximum Result: 59300**	ug/L
			#1	6/1/2000	5448.03	59300	ug/L
			#2	8/28/2000	5664.03	4710	ug/L
			#3	11/7/2000	5837.03	21200	ug/L
			#4	2/14/2001	804	5310	ug/L
			#5	5/17/2001	16123.03	2570	ug/L
			#6	9/6/2001	1641403	3770	ug/L
			#7	11/15/2001	1658303	1050	ug/L

Notes: Metals = Target Analyte List Metals
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Criterion =Higher of Practical Quantitation Limits (PQLs) _Groundwater Quality Criteria (GWQC) per NJAC 7:9-6
* = Interim Groundwater Criterion

Shaded block identifies concentration that exceeds criterion.

Table 4-9
Exceedance Summary
Site M-3
Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
			#8	1/16/2002	2003403	22800	ug/L
			#9	4/24/2002	2022203	13900	ug/L
			#10	7/16/2002	2044703	605	ug/L
		M3MW04				**Maximum Result: 4940**	ug/L
			#1	6/1/2000	5448.04	1390	ug/L
			#2	8/28/2000	5664.04	3960	ug/L
			#3	11/7/2000	5837.04	4940	ug/L
			#4	2/14/2001	805	2990	ug/L
			#5	5/17/2001	16123.04	2370	ug/L
			#6	9/6/2001	1641404	4370	ug/L
			#7	11/15/2001	1658304	1140	ug/L
			#8	1/16/2002	2003404	1120	ug/L
			#10	7/16/2002	2044704	620	ug/L
		M3MW05				**Maximum Result: 78400**	ug/L
			#1	6/1/2000	5448.05	73900	ug/L
			#2	8/28/2000	5664.05	69900	ug/L
			#3	11/7/2000	5837.05	67700	ug/L
			#4	2/14/2001	806	66300	ug/L
			#5	5/17/2001	16123.05	62100	ug/L
			#6	9/6/2001	1641405	68800	ug/L
			#7	11/15/2001	1658305	75800	ug/L
			#8	1/16/2002	2003405	78400	ug/L
			#9	4/24/2002	2022205	77500	ug/L
			#10	7/16/2002	2044705	71900	ug/L
		M3MW06				**Maximum Result: 46500**	ug/L
			#1	6/1/2000	5448.06	22300	ug/L
			#2	8/28/2000	5664.06	19400	ug/L
			#3	11/7/2000	5837.06	13600	ug/L
			#4	2/14/2001	807	13600	ug/L
			#5	5/17/2001	16123.06	12200	ug/L
			#6	9/6/2001	1641406	13400	ug/L
			#7	11/15/2001	1658306	46500	ug/L
			#8	1/16/2002	2003406	25200	ug/L
			#9	4/24/2002	2022206	18500	ug/L
			#10	7/16/2002	2044706	44200	ug/L
		M3MW07				**Maximum Result: 31300**	ug/L
			#1	6/1/2000	5448.07	17500	ug/L
			#2	8/28/2000	5664.07	20500	ug/L
			#3	11/7/2000	5837.07	21300	ug/L
			#4	2/14/2001	808	17100	ug/L
			#5	5/17/2001	16123.07	9680	ug/L
			#6	9/6/2001	1641407	16800	ug/L
			#7	11/15/2001	1658307	17500	ug/L
			#8	1/16/2002	2003407	31300	ug/L
			#9	4/24/2002	2022207	13000	ug/L
			#10	7/16/2002	2044707	10700	ug/L
		M3MW08				**Maximum Result: 89700**	ug/L
			#1	6/1/2000	5448.08	41700	ug/L
			#2	8/28/2000	5664.08	45600	ug/L
			#3	11/7/2000	5837.08	54900	ug/L
			#4	2/14/2001	809	62200	ug/L
			#5	5/17/2001	16123.08	43500	ug/L

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Criterion =Higher of Practical Quantitation Limits (PQLs) _Groundwater Quality Criteria (GWQC) per NJAC 7:9-6
* = Interim Groundwater Criterion

Shaded block identifies concentration that exceeds criterion.

Table 4-9
Exceedance Summary
Site M-3
Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
			#6	9/6/2001	1641408	48000	ug/L
			#7	11/15/2001	1658308	89700	ug/L
			#8	1/16/2002	2003408	76400	ug/L
			#9	4/24/2002	2022208	42500	ug/L
			#10	7/16/2002	2044708	35900	ug/L
		M3MW09				**Maximum Result: 83300**	ug/L
			#1	6/1/2000	5448.09	70600	ug/L
			#2	8/28/2000	5664.09	66500	ug/L
			#3	11/7/2000	5837.09	61700	ug/L
			#4	2/14/2001	810	62400	ug/L
			#5	5/17/2001	16123.09	59500	ug/L
			#6	9/6/2001	1641409	78300	ug/L
			#7	11/15/2001	1658309	75700	ug/L
			#8	1/16/2002	2003409	83300	ug/L
			#9	4/24/2002	2022209	73000	ug/L
			#10	7/16/2002	2044709	76800	ug/L
		M3MW10				**Maximum Result: 84400**	ug/L
			#1	6/1/2000	5448.1	62300	ug/L
			#2	8/28/2000	5664.10	64400	ug/L
			#3	11/7/2000	5837.10	64800	ug/L
			#4	2/14/2001	811	84400	ug/L
			#5	5/17/2001	16123.1	66700	ug/L
			#6	9/6/2001	1641410	62300	ug/L
			#7	11/15/2001	1658310	68300	ug/L
			#8	1/16/2002	2003410	79100	ug/L
			#9	4/24/2002	2022210	67900	ug/L
			#10	7/16/2002	2044710	63200	ug/L
		M3MW11				**Maximum Result: 64800**	ug/L
			#1	6/1/2000	5448.11	64800	ug/L
			#2	8/28/2000	5664.11	50600	ug/L
			#3	11/7/2000	5837.11	63600	ug/L
			#4	2/14/2001	812	43300	ug/L
			#5	5/17/2001	16123.11	48500	ug/L
			#6	9/6/2001	1641411	52400	ug/L
			#7	11/15/2001	1658311	54200	ug/L
			#8	1/16/2002	2003411	56200	ug/L
			#9	4/24/2002	2022211	60400	ug/L
			#10	7/16/2002	2044711	47700	ug/L
Lead	**10**						
		FD				**Maximum Result: 34.2**	ug/L
			#8	1/16/2002	2003403	34.2	ug/L
		M3MW07				**Maximum Result: 18**	ug/L
			#3	11/7/2000	5837.07	18.0	ug/L
			#6	9/6/2001	1641407	14.1	ug/L
		M3MW08				**Maximum Result: 55.3**	ug/L
			#3	11/7/2000	5837.08	55.3	ug/L
		M3MW09				**Maximum Result: 34.1**	ug/L
			#6	9/6/2001	1641409	34.1	ug/L
			#8	1/16/2002	2003409	15.0	ug/L
		M3MW11				**Maximum Result: 17.8**	ug/L
			#1	6/1/2000	5448.11	17.8	ug/L

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Shaded block identifies concentration that exceeds criterion.

Table 4-9
Exceedance Summary
Site M-3
Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
Manganese	**50**						
		FD				**Maximum Result: 1180**	ug/L
			#1	6/1/2000	5448.03	1020	ug/L
			#3	11/7/2000	5837.03	903	ug/L
			#6	9/6/2001	1641403	56.2	ug/L
			#7	11/15/2001	1658303	54.2	ug/L
			#8	1/16/2002	2003403	1180	ug/L
			#9	4/24/2002	2022203	895	ug/L
			#10	7/16/2002	2044703	77.1	ug/L
		M3MW04				**Maximum Result: 205**	ug/L
			#3	11/7/2000	5837.04	54.4	ug/L
			#6	9/6/2001	1641404	61.8	ug/L
			#7	11/15/2001	1658304	54.8	ug/L
			#8	1/16/2002	2003404	205	ug/L
			#9	4/24/2002	2022204	71.2	ug/L
			#10	7/16/2002	2044704	77.8	ug/L
		M3MW05				**Maximum Result: 684**	ug/L
			#1	6/1/2000	5448.05	430	ug/L
			#2	8/28/2000	5664.05	382	ug/L
			#3	11/7/2000	5837.05	429	ug/L
			#4	2/14/2001	806	426	ug/L
			#5	5/17/2001	16123.05	401	ug/L
			#6	9/6/2001	1641405	433	ug/L
			#7	11/15/2001	1658305	460	ug/L
			#8	1/16/2002	2003405	684	ug/L
			#9	4/24/2002	2022205	516	ug/L
			#10	7/16/2002	2044705	448	ug/L
		M3MW06				**Maximum Result: 989**	ug/L
			#1	6/1/2000	5448.06	877	ug/L
			#2	8/28/2000	5664.06	676	ug/L
			#3	11/7/2000	5837.06	534	ug/L
			#4	2/14/2001	807	623	ug/L
			#5	5/17/2001	16123.06	517	ug/L
			#6	9/6/2001	1641406	391	ug/L
			#7	11/15/2001	1658306	902	ug/L
			#8	1/16/2002	2003406	989	ug/L
			#9	4/24/2002	2022206	913	ug/L
			#10	7/16/2002	2044706	889	ug/L
		M3MW07				**Maximum Result: 1290**	ug/L
			#1	6/1/2000	5448.07	650	ug/L
			#2	8/28/2000	5664.07	949	ug/L
			#3	11/7/2000	5837.07	898	ug/L
			#4	2/14/2001	808	697	ug/L
			#5	5/17/2001	16123.07	811	ug/L
			#6	9/6/2001	1641407	651	ug/L
			#7	11/15/2001	1658307	1290	ug/L
			#8	1/16/2002	2003407	1240	ug/L
			#9	4/24/2002	2022207	891	ug/L
			#10	7/16/2002	2044707	730	ug/L
		M3MW08				**Maximum Result: 1530**	ug/L
			#1	6/1/2000	5448.08	575	ug/L
			#2	8/28/2000	5664.08	722	ug/L

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Criterion =Higher of Practical Quantitation Limits (PQLs) _Groundwater Quality Criteria (GWQC) per NJAC 7:9-6
* = Interim Groundwater Criterion

Shaded block identifies concentration that exceeds criterion.

Table 4-9
Exceedance Summary
Site M-3
Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
			#3	11/7/2000	5837.08	782	ug/L
			#4	2/14/2001	809	629	ug/L
			#5	5/17/2001	16123.08	616	ug/L
			#6	9/6/2001	1641408	711	ug/L
			#7	11/15/2001	1658308	1490	ug/L
			#8	1/16/2002	2003408	1530	ug/L
			#9	4/24/2002	2022208	912	ug/L
			#10	7/16/2002	2044708	686	ug/L
		M3MW09				**Maximum Result: 974**	ug/L
			#1	6/1/2000	5448.09	758	ug/L
			#2	8/28/2000	5664.09	723	ug/L
			#3	11/7/2000	5837.09	666	ug/L
			#4	2/14/2001	810	974	ug/L
			#5	5/17/2001	16123.09	694	ug/L
			#6	9/6/2001	1641409	660	ug/L
			#7	11/15/2001	1658309	646	ug/L
			#8	1/16/2002	2003409	693	ug/L
			#9	4/24/2002	2022209	566	ug/L
			#10	7/16/2002	2044709	664	ug/L
		M3MW10				**Maximum Result: 735**	ug/L
			#1	6/1/2000	5448.1	735	ug/L
			#2	8/28/2000	5664.10	564	ug/L
			#3	11/7/2000	5837.10	588	ug/L
			#4	2/14/2001	811	630	ug/L
			#5	5/17/2001	16123.1	553	ug/L
			#6	9/6/2001	1641410	525	ug/L
			#7	11/15/2001	1658310	526	ug/L
			#8	1/16/2002	2003410	708	ug/L
			#9	4/24/2002	2022210	585	ug/L
			#10	7/16/2002	2044710	572	ug/L
		M3MW11				**Maximum Result: 1890**	ug/L
			#1	6/1/2000	5448.11	1010	ug/L
			#2	8/28/2000	5664.11	1890	ug/L
			#3	11/7/2000	5837.11	873	ug/L
			#4	2/14/2001	812	1400	ug/L
			#5	5/17/2001	16123.11	910	ug/L
			#6	9/6/2001	1641411	702	ug/L
			#7	11/15/2001	1658311	694	ug/L
			#8	1/16/2002	2003411	855	ug/L
			#9	4/24/2002	2022211	1100	ug/L
			#10	7/16/2002	2044711	698	ug/L
Mercury	**2**						
		M3MW04				**Maximum Result: 37**	ug/L
			#4	2/14/2001	805	37.0	ug/L
Nickel	**100**						
		M3MW11				**Maximum Result: 530**	ug/L
			#1	6/1/2000	5448.11	104	ug/L
			#2	8/28/2000	5664.11	469	ug/L
			#4	2/14/2001	812	530	ug/L
			#5	5/17/2001	16123.11	116	ug/L

Notes: Metals = Target Analyte List Metals
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Criterion =Higher of Practical Quantitation Limits (PQLs) _Groundwater Quality Criteria (GWQC) per NJAC 7:9-6
* = Interim Groundwater Criterion

Shaded block identifies concentration that exceeds criterion.

Table 4-9
Exceedance Summary
Site M-3
Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
Silver	**30 ***						
		FD				**Maximum Result: 948**	ug/L
			#6	9/6/2001	1641403	948	ug/L
Sodium	**50000**						
		FD				**Maximum Result: 2930000**	ug/L
			#3	11/7/2000	5837.03	863000	ug/L
			#8	1/16/2002	2003403	2930000	ug/L
		M3MW06				**Maximum Result: 134000**	ug/L
			#7	11/15/2001	1658306	134000	ug/L
			#8	1/16/2002	2003406	63300	ug/L
		M3MW07				**Maximum Result: 2930000**	ug/L
			#1	6/1/2000	5448.07	630000	ug/L
			#2	8/28/2000	5664.07	1010000	ug/L
			#3	11/7/2000	5837.07	828000	ug/L
			#4	2/14/2001	808	468000	ug/L
			#5	5/17/2001	16123.07	254000	ug/L
			#6	9/6/2001	1641407	382000	ug/L
			#7	11/15/2001	1658307	1720000	ug/L
			#8	1/16/2002	2003407	2930000	ug/L
			#9	4/24/2002	2022207	871000	ug/L
			#10	7/16/2002	2044707	944000	ug/L
		M3MW08				**Maximum Result: 606000**	ug/L
			#1	6/1/2000	5448.08	69800	ug/L
			#2	8/28/2000	5664.08	63200	ug/L
			#7	11/15/2001	1658308	606000	ug/L
			#8	1/16/2002	2003408	593000	ug/L
			#9	4/24/2002	2022208	324000	ug/L
			#10	7/16/2002	2044708	106000	ug/L

Notes: Metals = Target Analyte List Metals
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SVOCs = Semi-Volatile Organic Compounds
Pest/PCBs = Pesticides/PolychlorinatedBiphenyls
Criterion =Higher of Practical Quantitation Limits (PQLs) _Groundwater Quality Criteria (GWQC) per NJAC 7:9-6
* = Interim Groundwater Criterion

Shaded block identifies concentration that exceeds criterion.

Table 4-10

Surface Water Sampling Results

M-3

Fort Monmouth, New Jersey

Round			#19	#20	#21	#22	#23	#24	#25	#26	#27	#28
WELL ID			SS-4	SS-4	SS-4	SS-4	SS-4	SS-4	SS-4	SS-4	SS-4	SS-4
Date Collected			6/12/2000	8/24/2000	11/20/2000	3/8/2001	5/16/2001	9/25/2001	11/14/2001	2/11/2002	6/18/2002	9/18/2002
ANALYTE / Lab ID	Criterion	Units	5468.16	5658.16	5868.16	1310	16120.16	16449.14	16579.19	2008619	2037619	2066610
VOCs												
Acetone	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.15	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	22	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	.388	ug/L	4.37	3.19	3.70	2.52	2.95	ND	ND	1.64	1.97	ND
Xylene	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit;
ND = Not Detected; ug/L = micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;
Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-11

Surface Water Sampling Results

M-3

Fort Monmouth, New Jersey

Round			#19	#20	#21	#22	#23	#24	#25	#26	#27	#28
WELL ID			SS-5	SS-5	SS-5	SS-5	SS-5	SS-5	SS-5	SS-5	SS-5	SS-5
Date Collected			6/12/2000	8/24/2000	11/20/2000	3/8/2001	5/16/2001	9/25/2001	11/14/2001	2/11/2002	6/18/2002	9/18/2002
ANALYTE / Lab ID	Criterion	Units	5468.15	5658.15	5868.15	1309	16120.15	16449.16	16579.20	2008620	2037620	2066622
VOCs												
Acetone	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.15	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	22	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	.388	ug/L	4.38	3.44	3.58	ND	4.09	ND	1.99	2.44	2.39	ND
Xylene	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit;
ND = Not Detected; ug/L =micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;
Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-12

Surface Water Sampling Results

M-3

Fort Monmouth, New Jersey

Round			#19	#20	#21	#22	#23	#24	#25	#26	#27	#28
WELL ID			SS-14	SS-14	SS-14	SS-14	SS-14	SS-14	SS-14	SS-14	SS-14	SS-14
Date Collected			6/12/2000	8/24/2000	11/20/2000	3/8/2001	5/16/2001	9/25/2001	11/14/2001	2/11/2002	6/18/2002	9/18/2002
ANALYTE / Lab ID	Criterion	Units	5468.20	5658.20	5868.20	1314	16120.20	16449.10	16579.25	2008625	2037625	2066604
VOCs												
Acetone	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.15	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	22	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	.388	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit;
ND = Not Detected; ug/L = micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;
Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-13

Surface Water Sampling Results

M-3

Fort Monmouth, New Jersey

Round			#19	#20	#21	#22	#23	#24	#25	#26	#27	#28
WELL ID			SS-15	SS-15	SS-15	SS-15	SS-15	SS-15	SS-15	SS-15	SS-15	SS-15
Date Collected			6/12/2000	8/24/2000	11/20/2000	2/21/2001	5/16/2001	9/25/2001	11/14/2001	2/11/2002	6/18/2002	9/18/2002
ANALYTE / Lab ID	Criterion	Units	5468.12	5658.12	5868.12	962	16120.12	16449.08	16579.12	2008612	2037611	2066607
VOCs												
Acetone	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.15	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	22	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	.388	ug/L	5.94	5.20	6.29	7.19	6.64	ND	3.49	2.65	2.67	2.55
Xylene	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit;
ND = Not Detected; ugL = micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;
Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-14

Surface Water Sampling Results

M-3

Fort Monmouth, New Jersey

Round			#19	#20	#21	#22	#23	#24	#25	#26	#27	#28
WELL ID			SS-17	SS-17	SS-17	SS-17	SS-17	SS-17	SS-17	SS-17	SS-17	SS-17
Date Collected			6/12/2000	8/24/2000	11/20/2000	3/8/2001	5/16/2001	9/25/2001	11/14/2001	2/11/2002	6/18/2002	9/18/2002
ANALYTE / Lab ID	Criterion	Units	5468.18	5658.18	5868.18	1312	16120.18	16449.19	16579.22	2008622	2037622	2066625
VOCs												
Acetone	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.15	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	22	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	1.48	ND
Tetrachloroethylene	.388	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds;
PCBs = polyhloronated biphenyls; MDL = Method Detection Limit;
ND = Not Detected; ug/L = micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;
Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6.

Table 4-15
Surface Water Exceedance Summary
M-3
Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
VOCs							
Tetrachloroethylene	**.388**						
		SS-15				**Maximum Result: 7.19**	ug/L
			#19	6/12/2000	5468.12	5.94	ug/L
			#20	8/24/2000	5658.12	5.20	ug/L
			#21	11/20/2000	5868.12	6.29	ug/L
			#22	2/21/2001	962	7.19	ug/L
			#23	5/16/2001	16120.12	6.64	ug/L
			#25	11/14/2001	16579.12	3.49	ug/L
			#26	2/11/2002	2008612	2.65	ug/L
			#27	6/18/2002	2037611	2.67	ug/L
			#28	9/18/2002	2066607	2.55	ug/L
		SS-4				**Maximum Result: 4.37**	ug/L
			#19	6/12/2000	5468.16	4.37	ug/L
			#20	8/24/2000	5658.16	3.19	ug/L
			#21	11/20/2000	5868.16	3.70	ug/L
			#22	3/8/2001	1310	2.52	ug/L
			#23	5/16/2001	16120.16	2.95	ug/L
			#26	2/11/2002	2008619	1.64	ug/L
			#27	6/18/2002	2037619	1.97	ug/L
		SS-5				**Maximum Result: 4.38**	ug/L
			#19	6/12/2000	5468.15	4.38	ug/L
			#20	8/24/2000	5658.15	3.44	ug/L
			#21	11/20/2000	5868.15	3.58	ug/L
			#23	5/16/2001	16120.15	4.09	ug/L
			#25	11/14/2001	16579.20	1.99	ug/L
			#26	2/11/2002	2008620	2.44	ug/L
			#27	6/18/2002	2037620	2.39	ug/L
Trichloroethylene	**1.09**						
		SS-15				**Maximum Result: 1.58**	ug/L
			#20	8/24/2000	5658.12	1.58	ug/L
		SS-4				**Maximum Result: 1.19**	ug/L
			#20	8/24/2000	5658.16	1.19	ug/L

Notes: VOCs = volatile organic compounds; SVOCs = semi-volatile organic compounds; PCBs = polychlorinated biphenyls; MDL = Method Detection Limit;
ND = Not Detected; ug/L = micrograms per liter, equivalent to parts per billion (ppb); NA = Not Analyzed/Not Applicable;
Criterion = GW Criterion: NJDEP Groundwater Quality Criteria (Higher of GWQC and PQL) per N.J.A.C. 7:9-6
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

FIGURES

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FIGURE 2-2
Site Map

M-3 Landfill
Fort Monmouth, New Jersey

DRAWN BY:	ACR
SURVEYED BY:	
CHECKED BY:	JLH
PROJECT NO.:	110571.0571.306
DATE:	04 SEP 03
SCALE:	1" = 80'
APPROVED BY:	JLH

REVISION
0

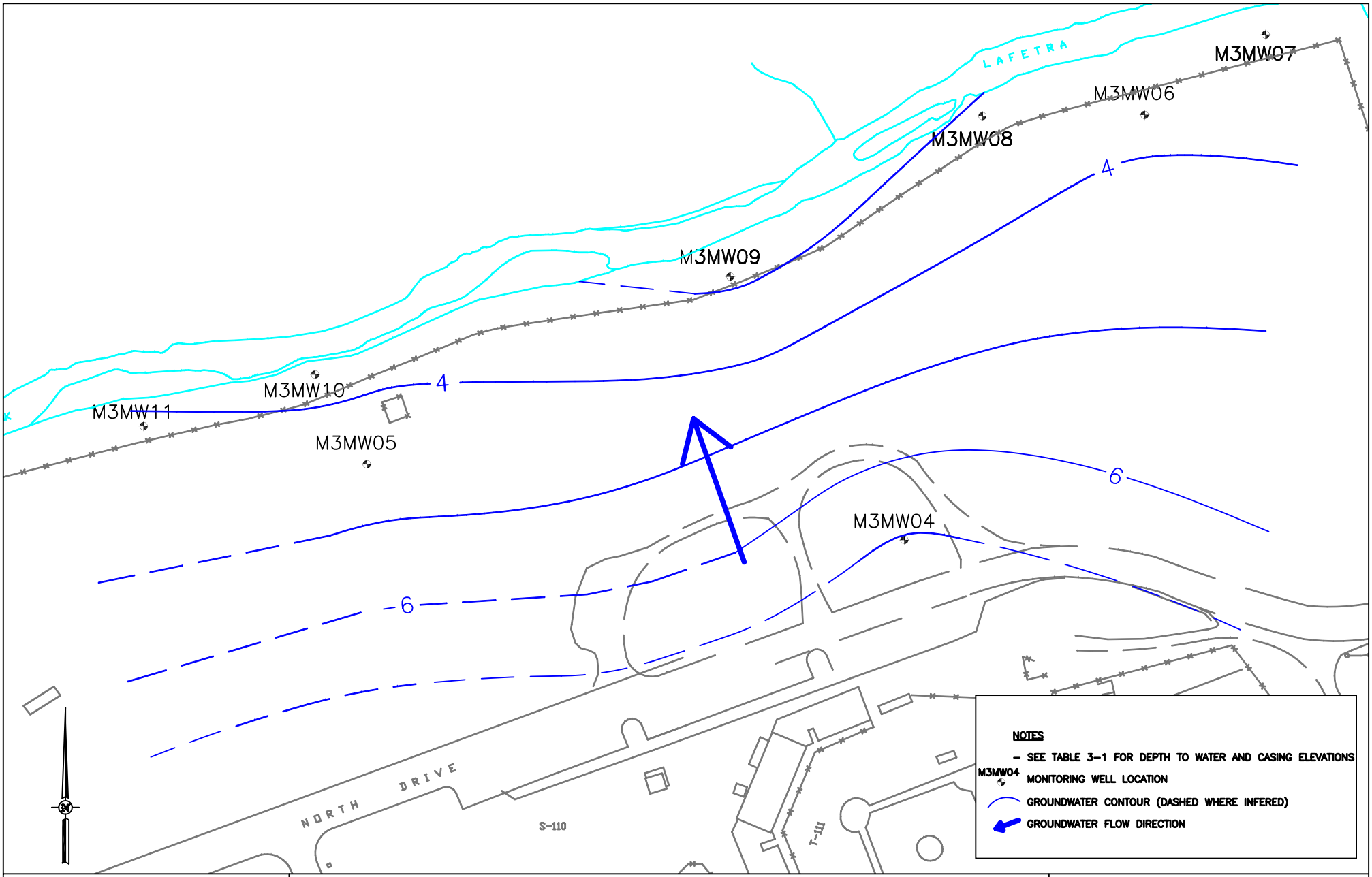

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FIGURE 3–1
GROUNDWATER CONTOUR MAP (01 JUN 00)

M–3 LANDFILL
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.306
DRAWING REF. NO.:	001
1:100	04–SEP–03
REVISION 0	SKETCH NO. FIGURE_4–1

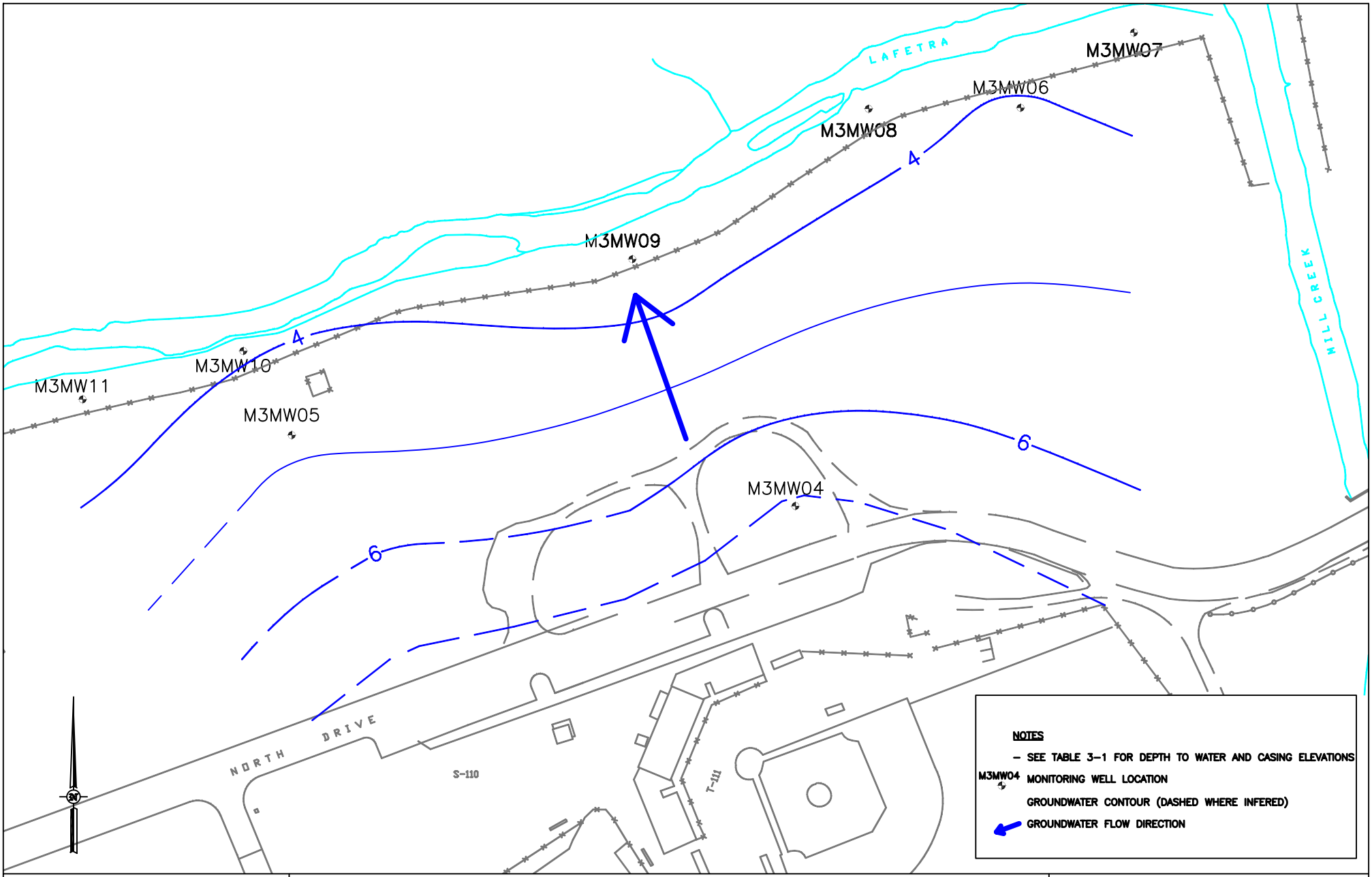

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FIGURE 3–2
GROUNDWATER CONTOUR MAP (28 AUG 00)

M–3 LANDFILL
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.306
DRAWING REF. NO.:	001
1:100	04–SEP–0
REVISION 0	SKETCH NO. FIGURE_3–

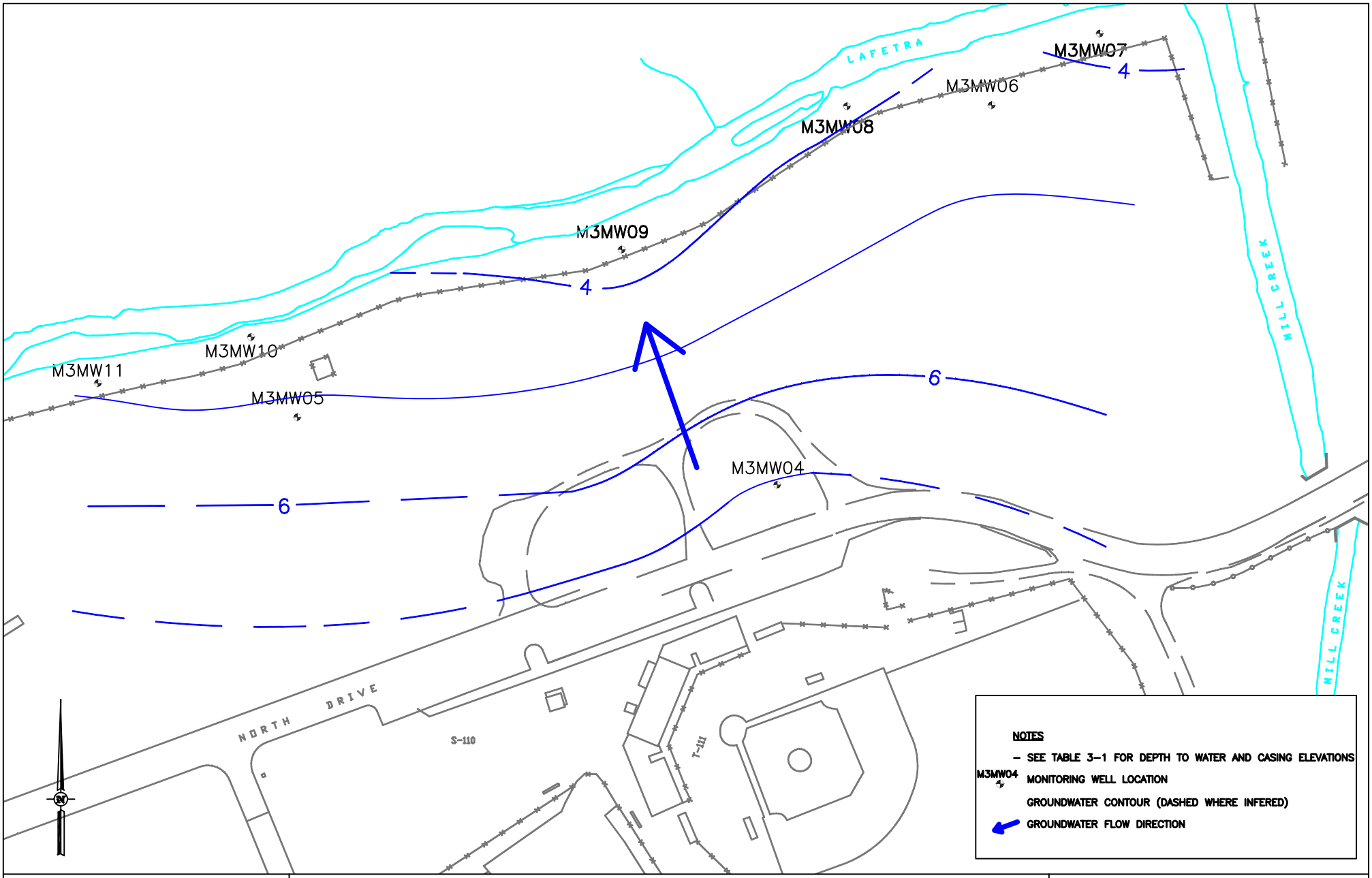

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FIGURE 3–3
GROUNDWATER CONTOUR MAP (07 NOV 00)

M–3 LANDFILL
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.306
DRAWING REF. NO.:	001
1:100	04–SEP–0
REVISION 0	SKETCH NO. FIGURE_3–

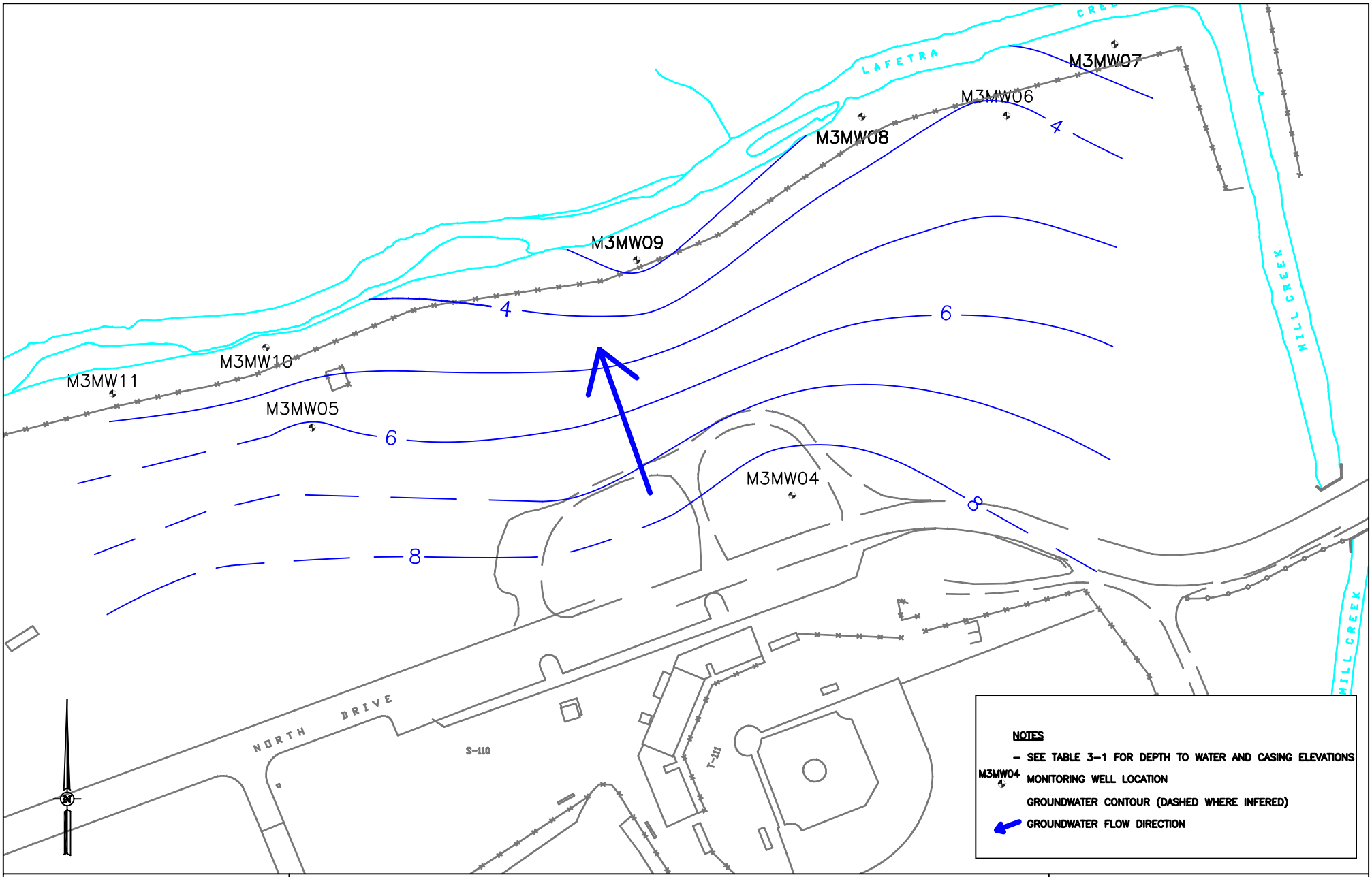

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FIGURE 3–4
GROUNDWATER CONTOUR MAP (14 FEB 01)

M–3 LANDFILL
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.306
DRAWING REF. NO.:	001
1:100	04–SEP–0
REVISION 0	SKETCH NO. FIGURE_3–

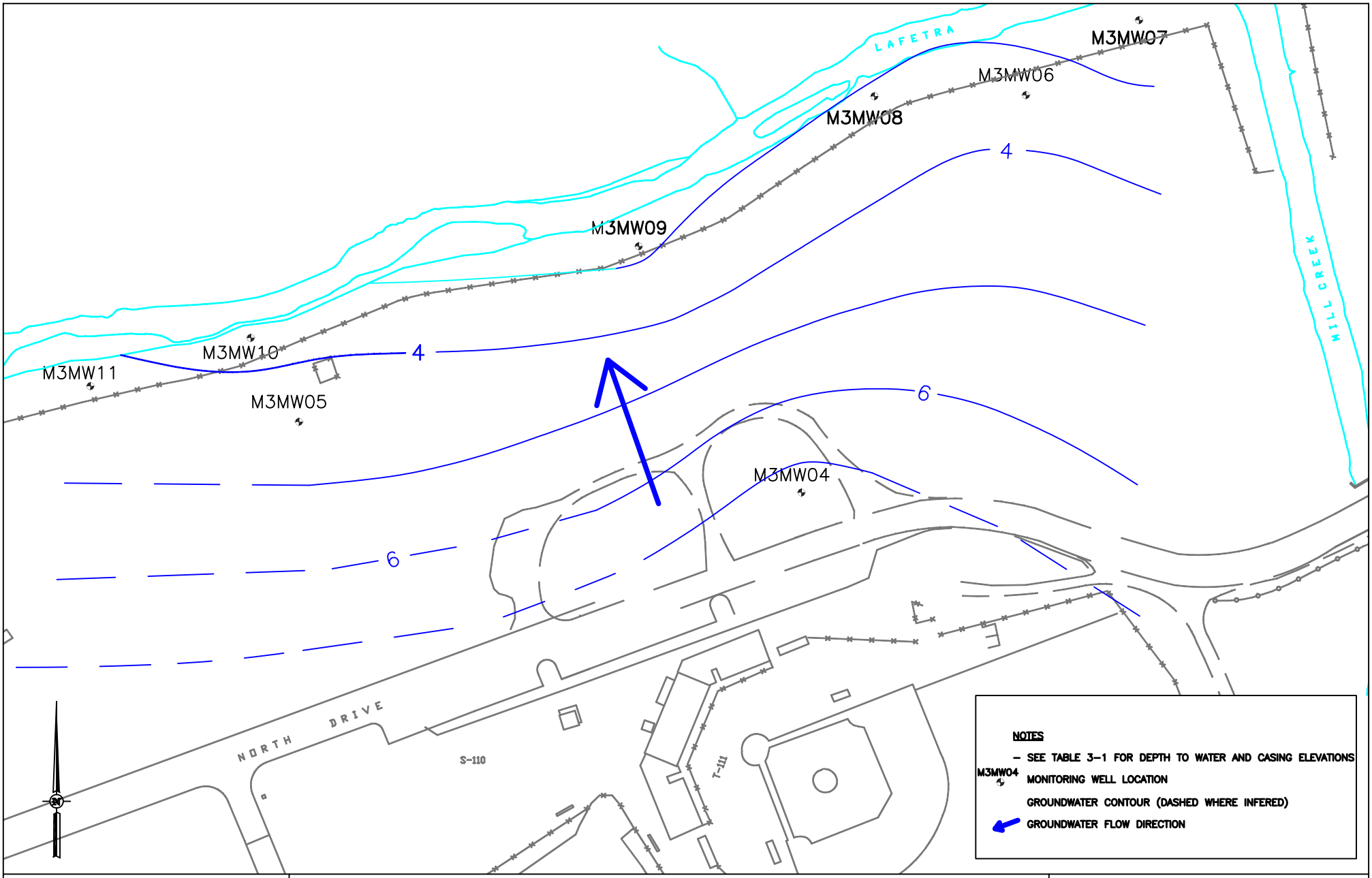

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FIGURE 3–5
GROUNDWATER CONTOUR MAP (17 MAY 01)

M–3 LANDFILL
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.306
DRAWING REF. NO.:	001
1:100	04–SEP–0
REVISION 0	SKETCH NO. FIGURE_3–

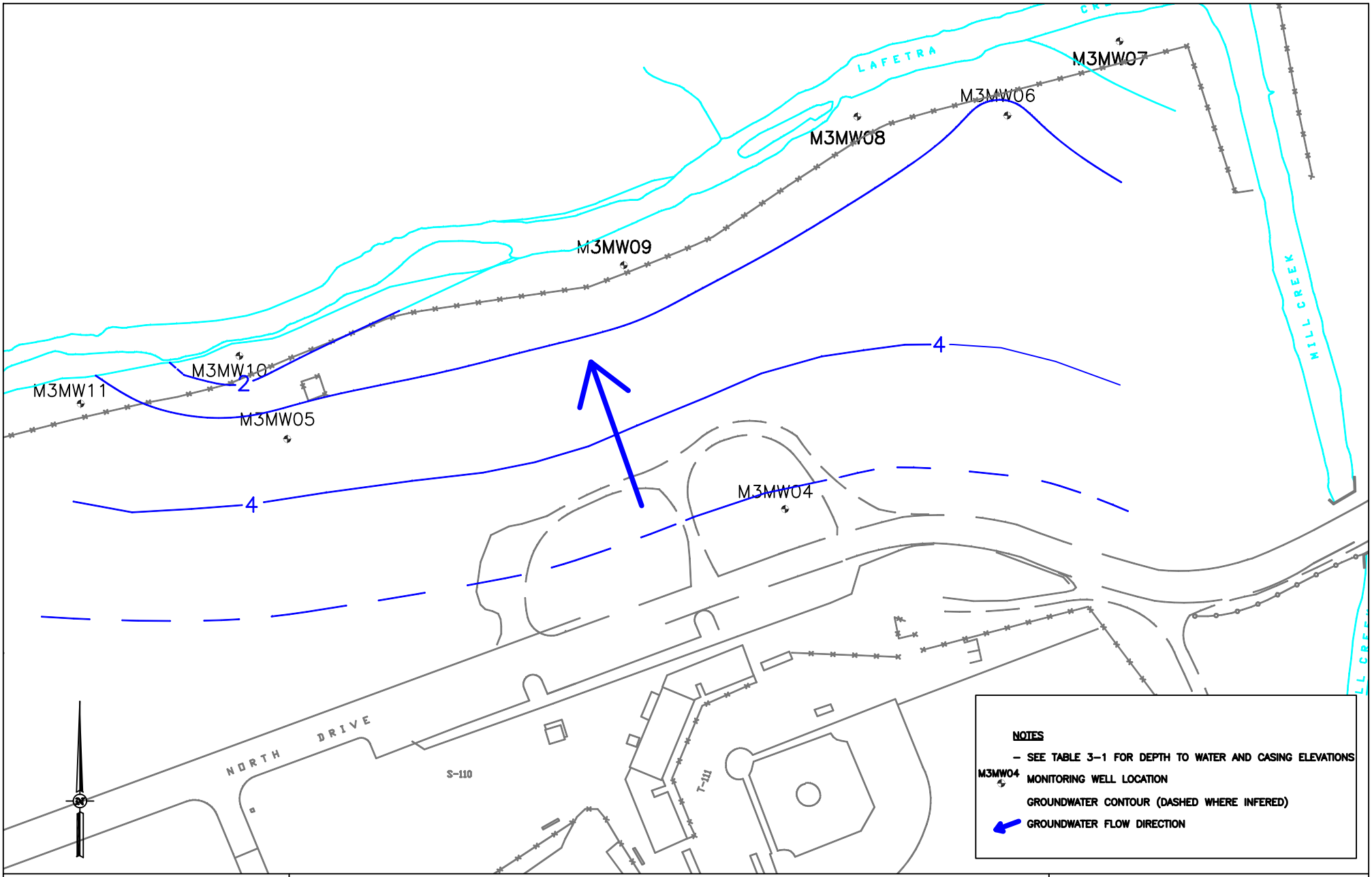

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FIGURE 3–6
GROUNDWATER CONTOUR MAP (06 SEP 01)

M–3 LANDFILL
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.306
DRAWING REF. NO.:	001
1:100	04–SEP–0J
REVISION 0	SKETCH NO. FIGURE_3–

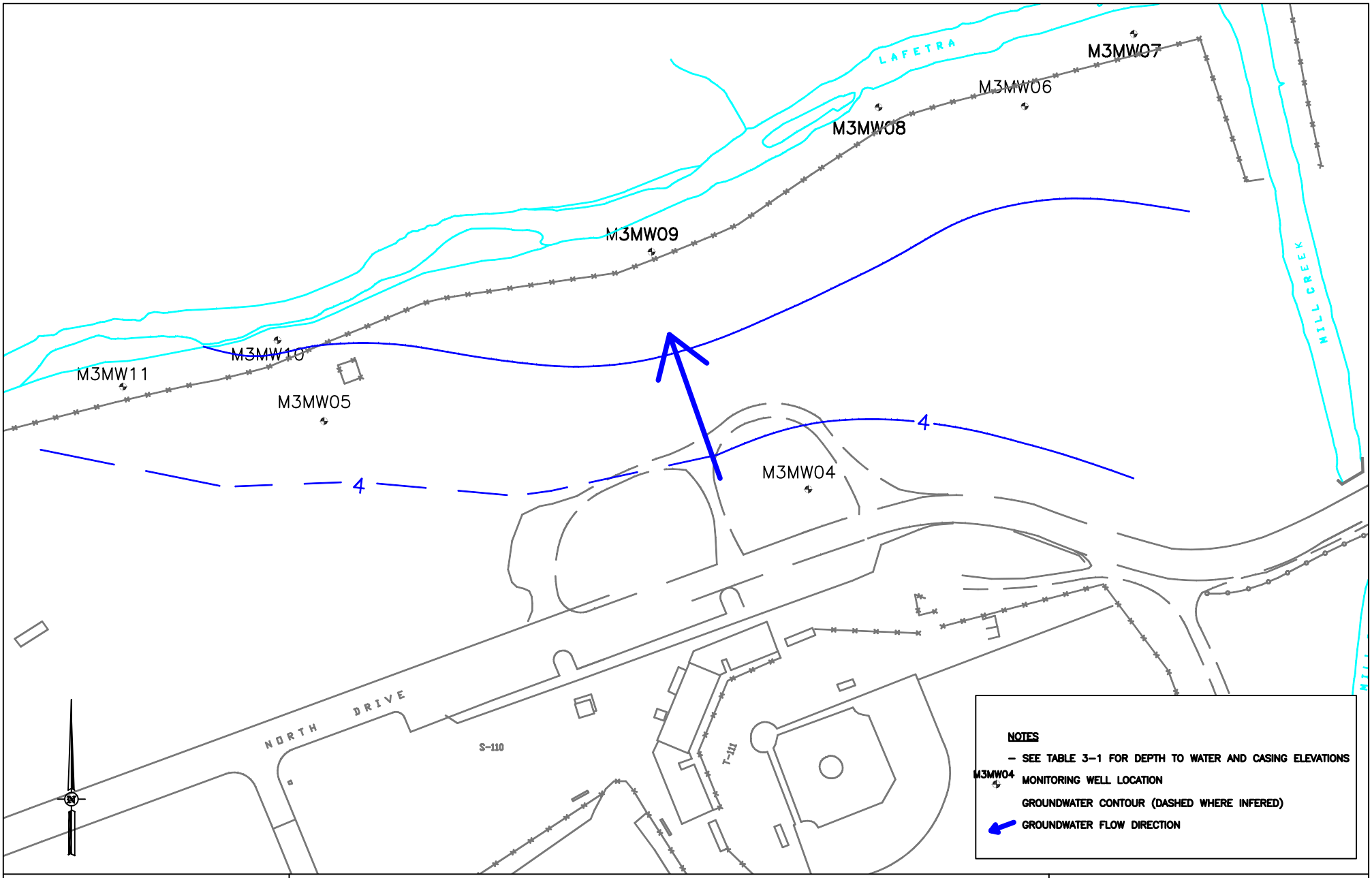

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FIGURE 3–7
GROUNDWATER CONTOUR MAP (15 NOV 01)

M–3 LANDFILL
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.306
DRAWING REF. NO.:	001
1:100	04–SEP–0
REVISION 0	SKETCH NO. FIGURE_3–

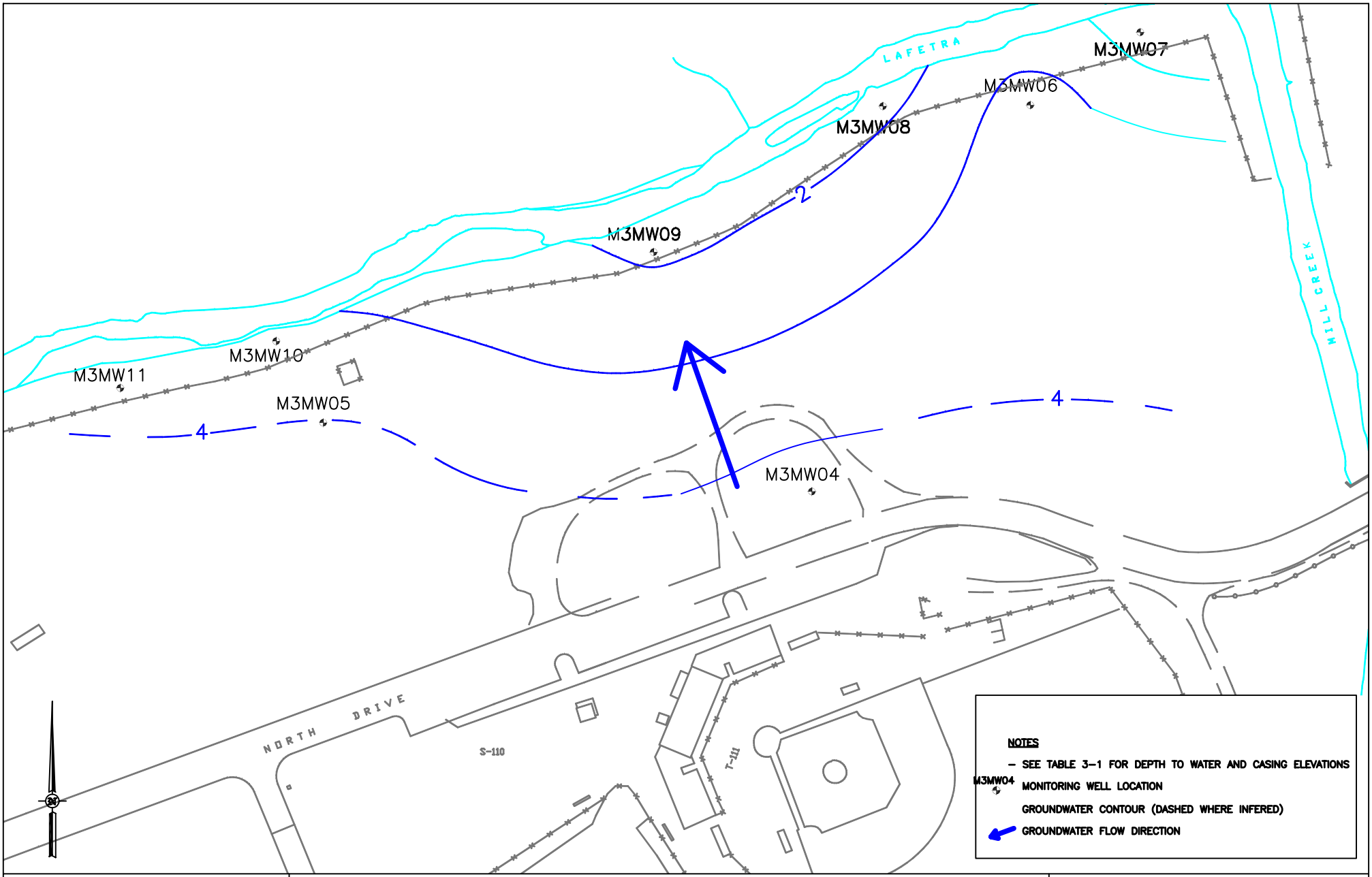

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FIGURE 3–8
GROUNDWATER CONTOUR MAP (16 JAN 02)

M–3 LANDFILL
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.306
DRAWING REF. NO.:	001
1:100	04–SEP–0
REVISION 0	SKETCH NO. FIGURE_3–

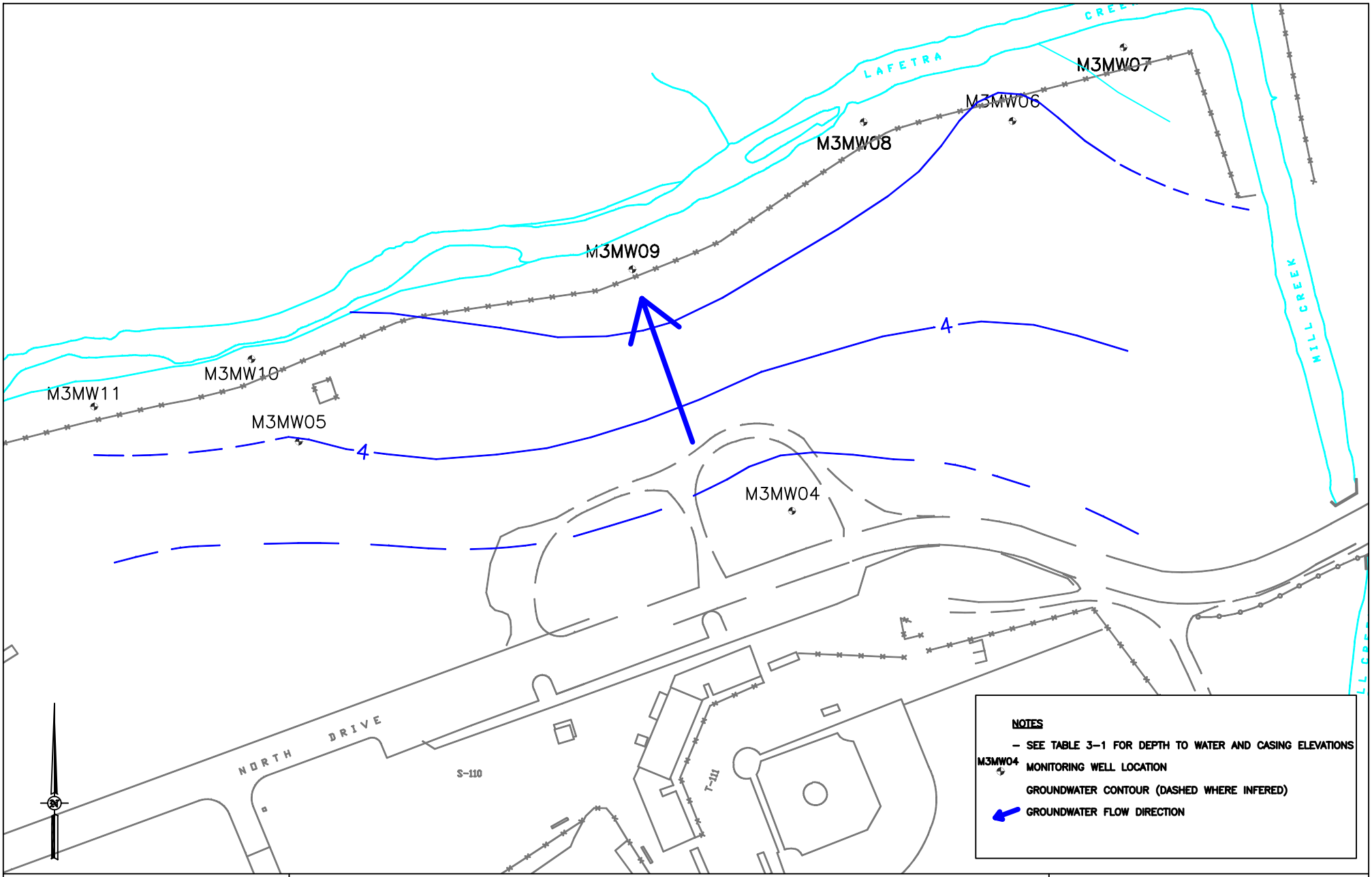

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FIGURE 3–9
GROUNDWATER CONTOUR MAP (16 JUL 02)

M–3 LANDFILL
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.306
DRAWING REF. NO.:	001
1:100	04–SEP–0
REVISION 0	SKETCH NO. FIGURE_3–

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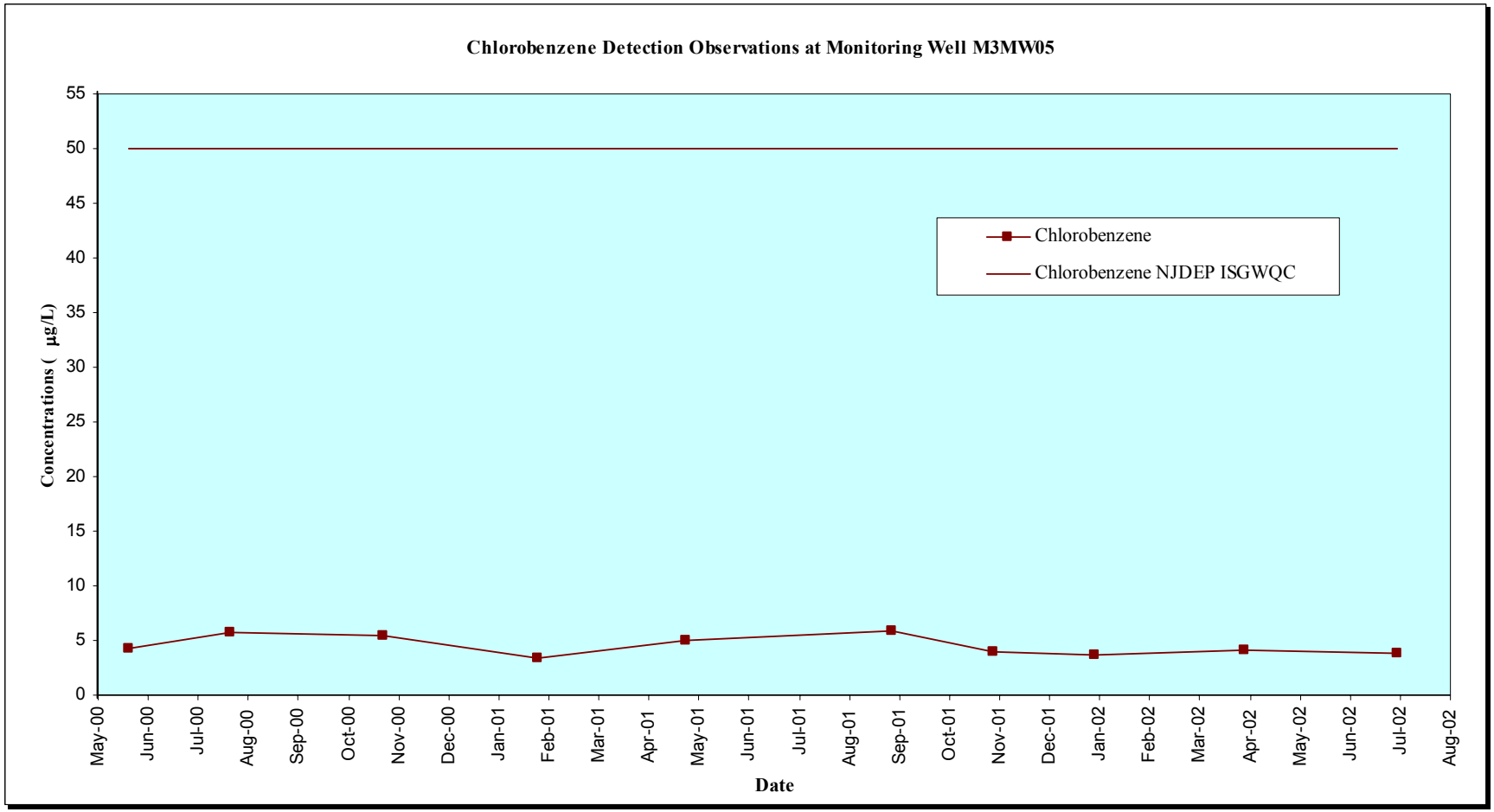

Notes:
1) Concentration is shown in micrograms per liter (ug/L), equivalent to parts per billion.
2) Observed COC concentrations at well M3MW05 are shown starting in June 2000.
3) For graphing purposes, the concentrations that were observed as non-detected (ND) are shown as zero (0) concentration.

FIGURE 4-2

Chlorobenzene Detection Observations
at Well M3MW05
M-3 Landfill Site
Fort Monmouth, New Jersey

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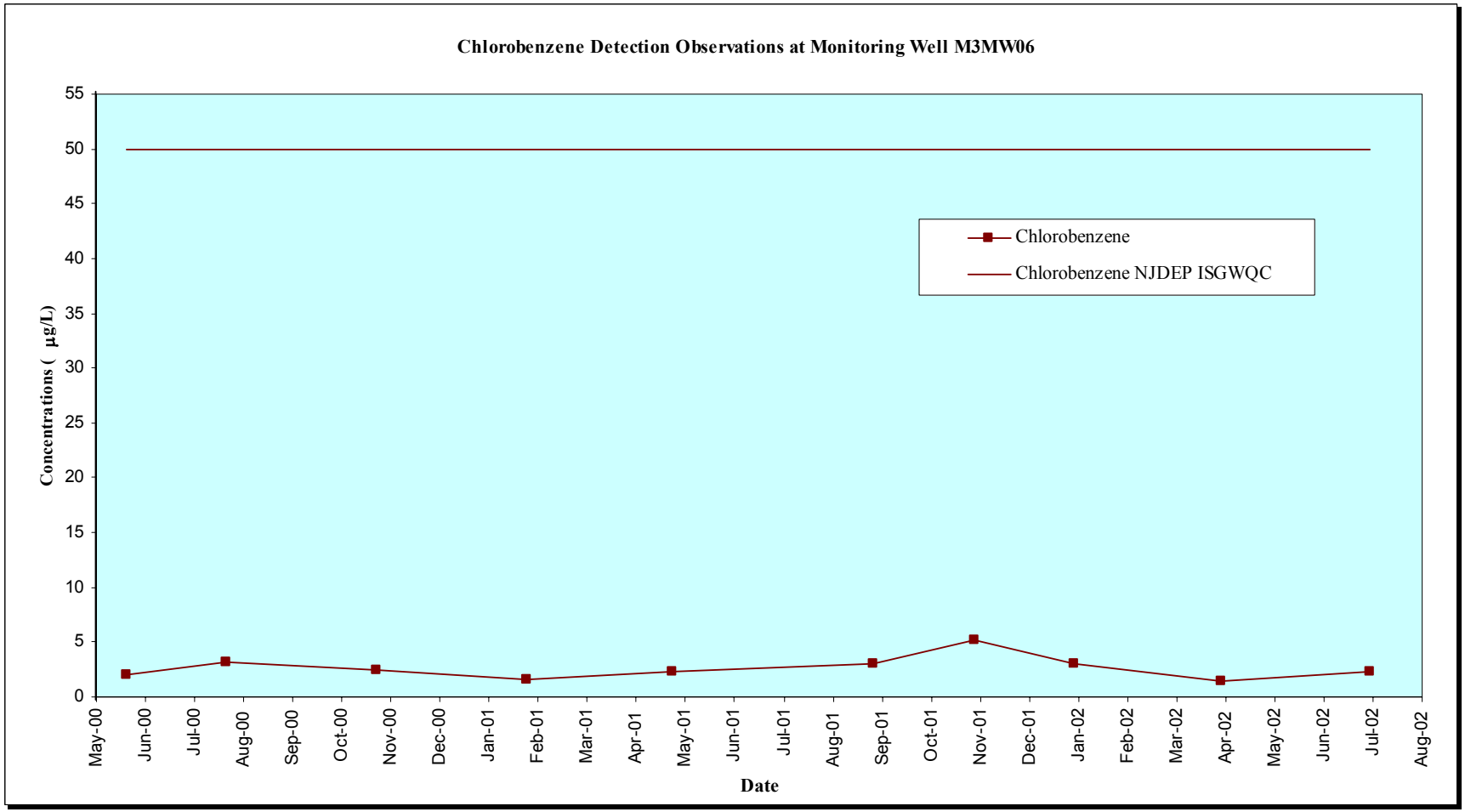

Notes:
1) Concentration is shown in micrograms per liter (ug/L), equivalent to parts per billion.
2) Observed COC concentrations at well M3MW06 are shown starting in June 2000.
3) For graphing purposes, the concentrations that were observed as non-detected (ND) are shown as zero (0) concentration.

FIGURE 4-3

Chlorobenzene Detection Observations
at Well M3MW06
M-3 Landfill Site
Fort Monmouth, New Jersey

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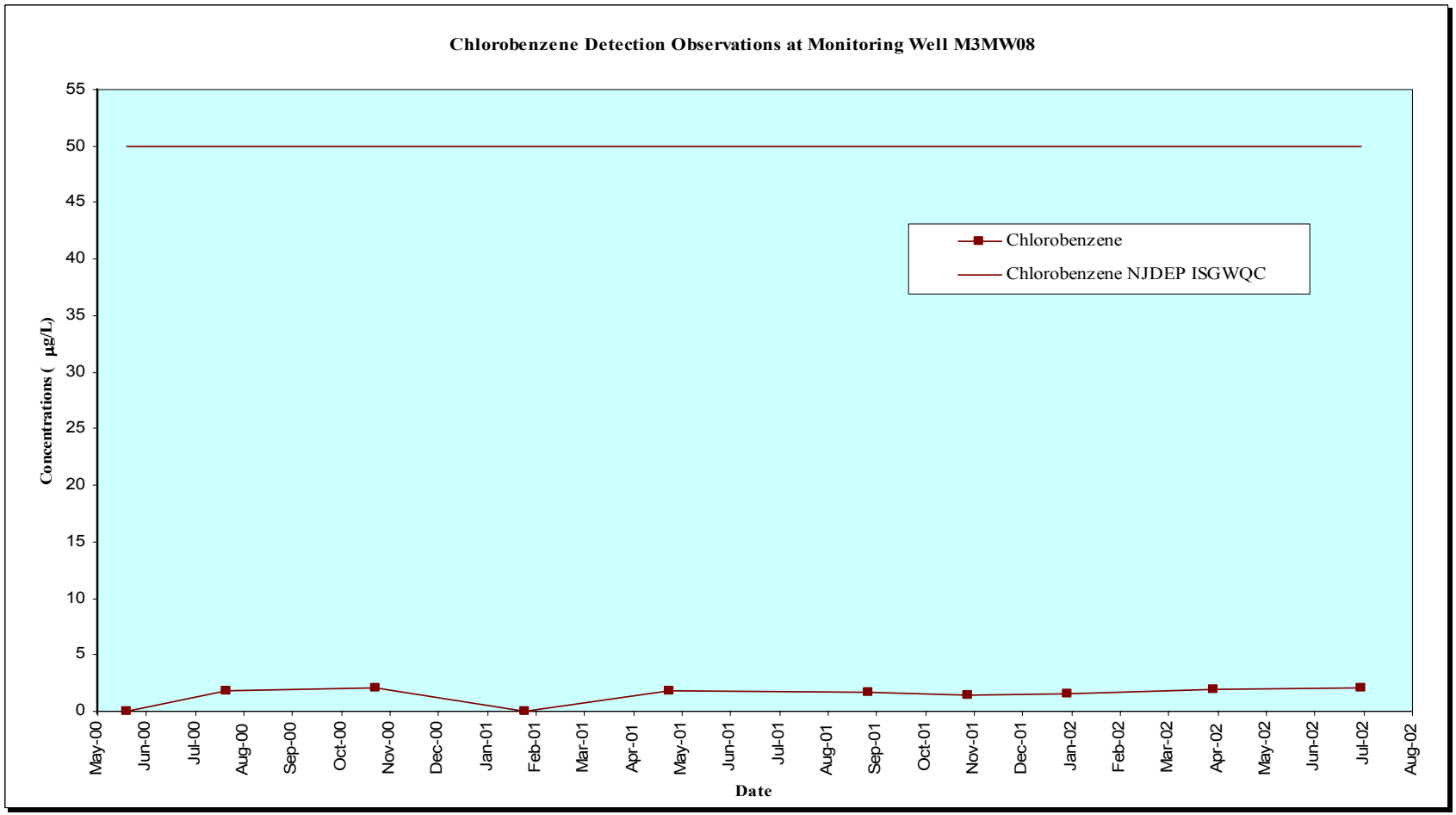

Notes:
1) Concentration is shown in micrograms per liter (ug/L), equivalent to parts per billion.
2) Observed COC concentrations at well M3MW08 are shown starting in June 2000.
3) For graphing purposes, the concentrations that were observed as non-detected (ND) are shown as zero (0) concentration.

FIGURE 4-4

Chlorobenzene Detection Observations
at Well M3MW08
M-3 Landfill Site
Fort Monmouth, New Jersey

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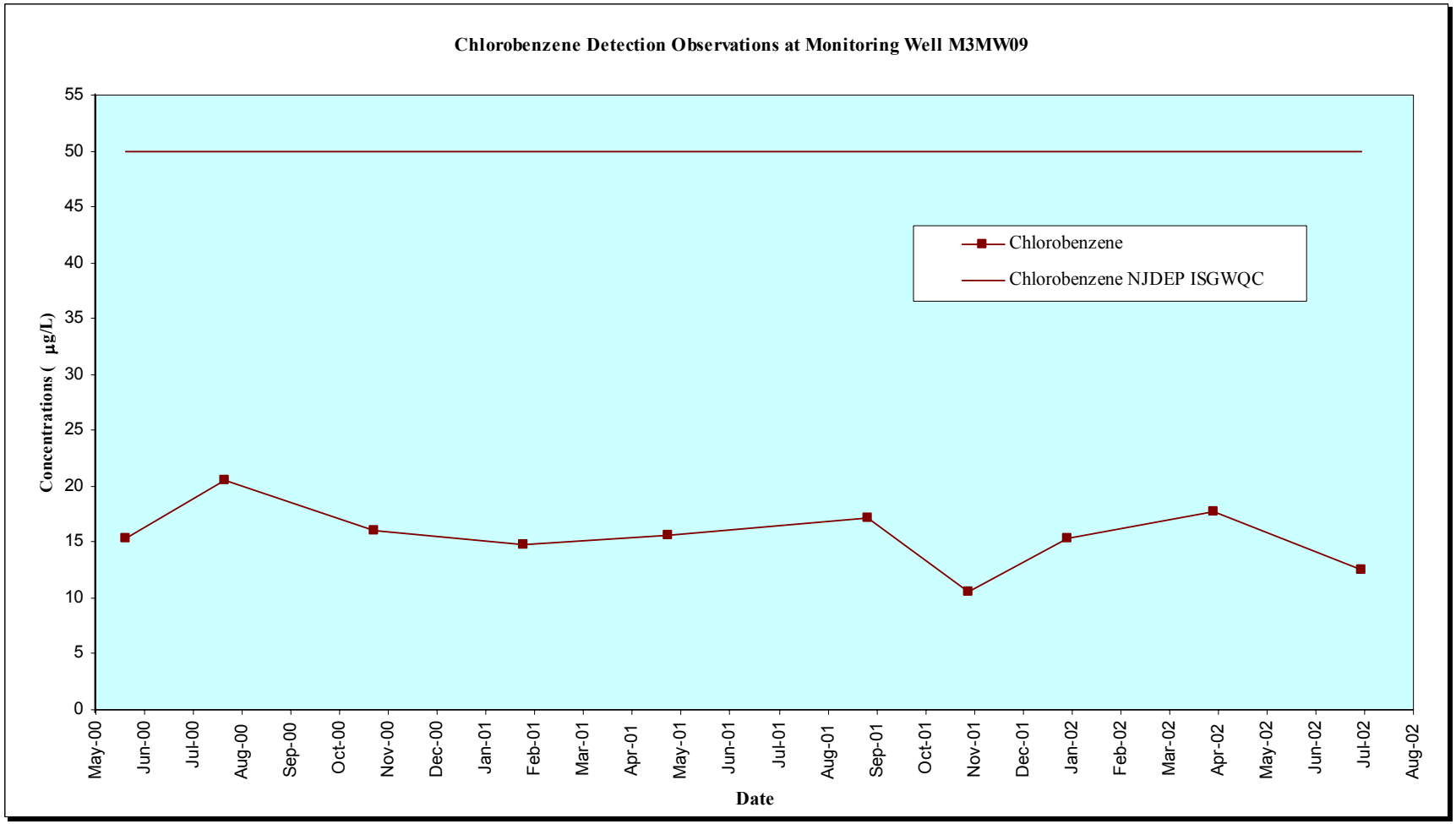

Notes:
1) Concentration is shown in micrograms per liter (ug/L), equivalent to parts per billion.
2) Observed COC concentrations at well M3MW09 are shown starting in June 2000.
3) For graphing purposes, the concentrations that were observed as non-detected (ND) are shown as zero (0) concentration.

FIGURE 4-5

Chlorobenzene Detection Observations at Well M3MW09
M-3 Landfill Site
Fort Monmouth, New Jersey

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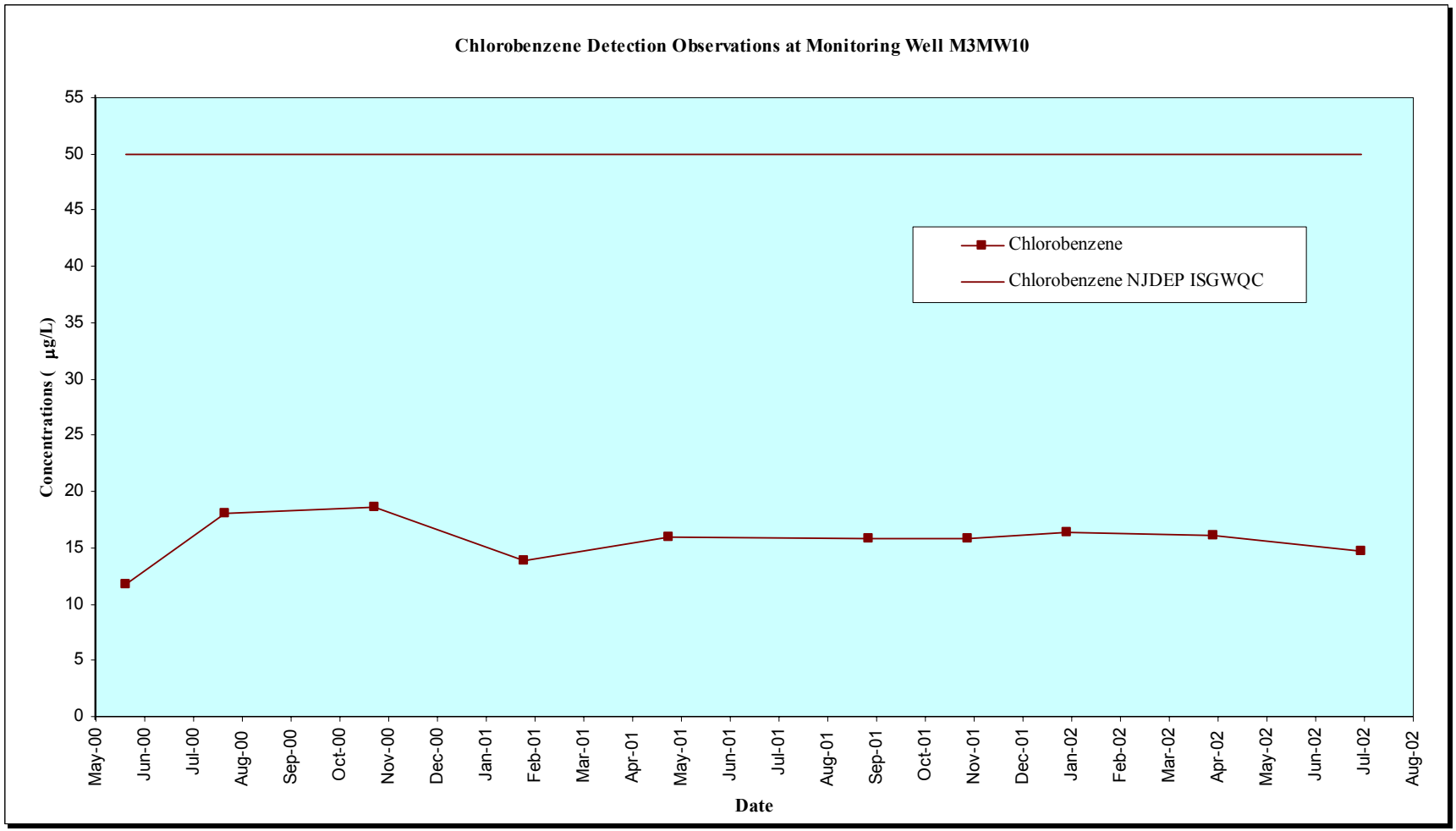

Notes:
1) Concentration is shown in micrograms per liter (ug/L), equivalent to parts per billion.
2) Observed COC concentrations at well M3MW10 are shown starting in June 2000.
3) For graphing purposes, the concentrations that were observed as non-detected (ND) are shown as zero (0) concentration.

FIGURE 4-6

Chlorobenzene Detection Observations at Well M3MW10 M-3 Landfill Site Fort Monmouth, New Jersey

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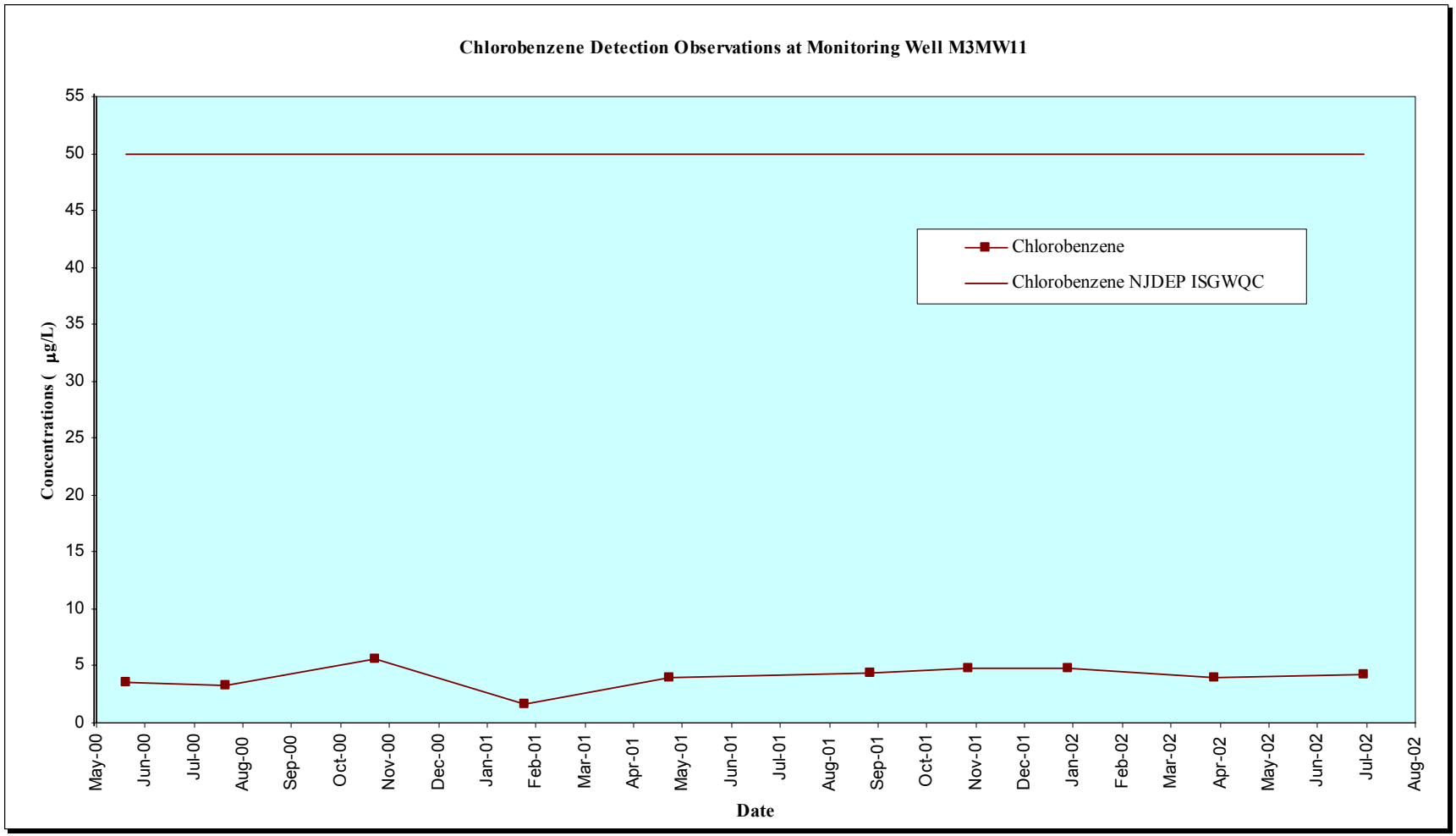

Notes:
1) Concentration is shown in micrograms per liter (ug/L), equivalent to parts per billion.
2) Observed COC concentrations at well M3MW11 are shown starting in June 2000.
3) For graphing purposes, the concentrations that were observed as non-detected (ND) are shown as zero (0) concentration.

FIGURE 4-7

Chlorobenzene Detection Observations
at Well M3MW11
M-3 Landfill Site
Fort Monmouth, New Jersey

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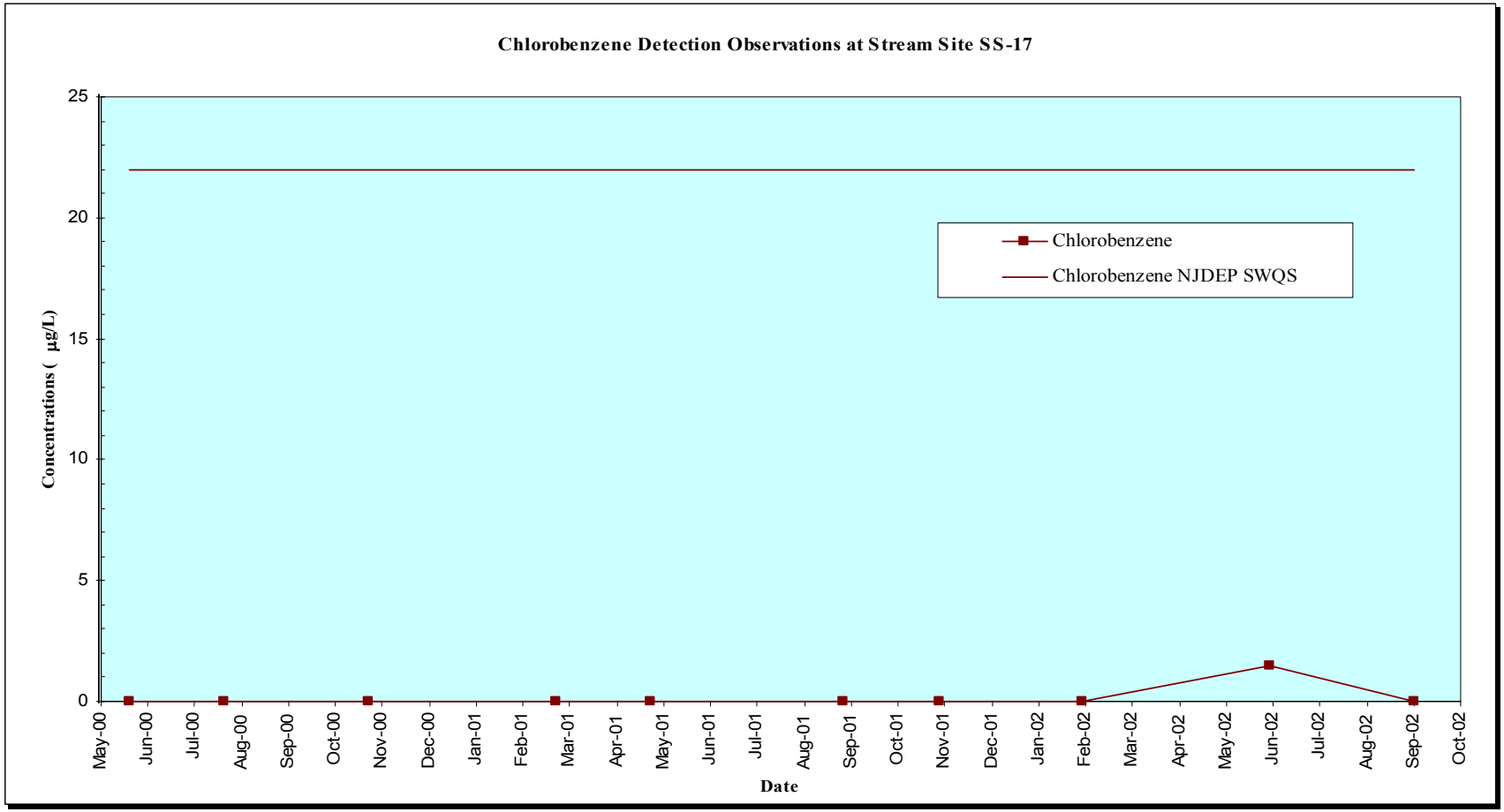

Notes:
1) Concentration is shown in micrograms per liter (ug/L), equivalent to parts per billion.
2) Observed COC concentrations at stream site SS-17 are shown starting in June 2000.
3) For graphing purposes, the concentrations that were observed as non-detected (ND) are shown as zero (0) concentration.

FIGURE 4-8

Chlorobenzene Detection Observations at Stream Site SS-17
M-3 Landfill Site
Fort Monmouth, New Jersey

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Horsham, PA 19044-2314
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APPENDICES

Appendix A

ATC Associates, Inc., July 2000. *Remedial Action Work Plan – Landfill M-3, Main Post, Fort Monmouth, New Jersey.*

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

Appendix B

Roy F. Weston, Inc., December 1995. *Final Site Investigation, Fort Monmouth, New Jersey, Main Post and Charles Wood Areas.*

4.2.3 Landfill 3 (M-3)

4.2.3.1 Site Location

Landfill 3 (M-3) is located between North Drive and Lafetra Creek in the west-central part of the Main Post. The actual boundaries of the landfill are not clear, but have been approximated in Figure 4.2-7. The approximate area of site M-3 is 257,890 ft^2 (5.9 acres). Burning Area M-6, which is discussed later, is located within Landfill 3.

4.2.3.2 Site History

According to the IA, Landfill 3 was in use between 1959 and 1964, and was used for general purpose disposal of domestic and industrial wastes. The 1969 aerial photograph shows that, with the exception of a few areas with vehicle tracks, this area was covered with vegetation. At present, the surface is hummocky and covered with grass.

Landfill 3 (M-3) most likely contained materials similar to those generally found in other Main Post landfills. According to long-term Fort Monmouth employees, this landfill also contains wood and coal ash from furnaces and boilers.

As part of an NJPDES permit (permit No. 0057274), surface-water samples have been taken at two locations in Lafetra Creek since February 1986. The results are summarized in the recent report (WESTON, 1993). One VOC (tetrachloroethene) was detected in concentrations above the NJDEP surface-water criteria.

4.2.3.3 Sampling Effort

Surface geophysics surveys were conducted to confirm the location and investigate the extent of the former landfill. First, a magnetometer survey, including both vertical magnetic gradient and total magnetic field, was conducted. After completion of the magnetometer survey, GPR was used in accessible areas to provide additional definition of landfill boundaries.

The source of the HHCs detected in surface-water samples from a previous investigation could not be determined (WESTON, 1993). Therefore, surface-water locations M6SW-1 and M10SW-1 on Lafetra Creek were sampled (Figure 4.2-6). In addition, three monitor well locations (MW-4 through MW-6), as shown in Figure 4.2-7, were installed. The location of monitor well M-6 was slightly adjusted based on the geophysical interpretations. The well was repositioned to monitor groundwater quality downgradient of the exposed drum area. The monitor wells were sampled twice and surface-water locations were sampled once for TCL +30 parameters, TAL metals, and cyanide.

4.2.3.4 Geophysical Results

The magnetometer survey performed at M-3 indicated buried ferrous material, as depicted in Figures 4.2-8 and 4.2-9, within the suspected boundary of the landfill. The total magnetic field contour plot (Figure 4.2-8) shows background readings of approximately 54,000 nT and is represented by the green contour interval. High and low excursions from this value, represented by the violet and blue contour intervals, respectively, reveal anomalous magnetic signatures indicative of buried ferrous objects. The boundary between the background and anomalous magnetic readings is interpreted as the landfill boundary. Cultural features along the north side of the site include buried and overhead power lines and a chainlink fence. These features limited the magnetic data acquisition and anomalous magnetic influences that could be seen on the magnetic gradient plot (shown in Figure 4.2-9). The northern edge of the plot shows these cultural anomalies as a "low" reading from background, and is represented by the blue contour interval.

The GPR survey performed at M-3 confirmed the potential landfill boundary and expanded the geophysical survey underneath the overhead power lines and up to the northern fenceline. The GPR system is not heavily influenced by these types of cultural features like magnetometer methods. A typical radar profile, such as along the 600E traverse, reveals "normal" horizontal reflectors, indicative of nonfill areas, from 100S to approximately 100N (Figure 4.2-9A). Continuing from 65N to 160N the radar waveform becomes very chaotic in nature. This chaotic waveform is typical of buried waste material.

Hyperbolic radar signatures, typical of buried drums, were observed in the vicinity of grid coordinate 160N/800E. This was confirmed visually by observing a partially exposed drum at the surface at approximately 160N/800E. As shown on the radar profile in Figure 4.2-9B, the hyperbolic waveforms are found within chaotic radar reflectors. With the exception of these hyperbolic radar signatures, the geophysical surveys indicate that the waste material is within the suspected landfill boundary. Monitor wells have been installed in appropriate locations to monitor groundwater quality upgradient and downgradient of the site.

4.2.3.5 Hydrogeologic Interpretation

Lithologic logs from MW-5 and MW-6 indicate that the lithology consists of a thin soil cover (0.3 ft) underlain by fill material. The components of the filled materials observed in both borings consisted of a black slag material with camera film, rebar, and paper debris. Natural quartz sand, gravel, silt, and clay were intermixed with the manmade materials. MW-4 is located upgradient of the fill locations and consists of tight olive-green silty fine-grained sand with a clay matrix.

Groundwater saturation was observed in the borehole during drilling activities between 8 and 10 ft bgs. Monitor wells were screened across the water table, and total depths varied from approximately 23, 16, and 15 ft bgs in MW-4, MW-5, and MW-6, respectively. Water-level elevation data measured on 6 March 1995, indicate that local groundwater flow is to the north in the direction of Lafetra Creek (Figure 4.2-10). Based on groundwater elevation measurements, monitor wells MW-5 and MW-6 are downgradient of the site M-3 area.

4.2.3.6 Groundwater Sampling Results

Monitor wells at site M-3 were sampled for the analytical parameters listed in Table 3.8-1. The analytical results for groundwater samples from the individual sampling rounds are listed in Appendix D. Table 4.2-5 compares the average concentrations of the detected compounds from the February and March sampling rounds with the NJDEP GWQC, and then compares the results to subsequent site-specific maximum background and/or Monmouth County background

Table 4.2-5
Fort Monmouth - Main Post
Summary of Average Concentrations of Detected Compounds in Groundwater - Site M-3

COMPOUND	METHOD DETECTION LIMIT (µg/L)	NJDEP GROUNDWATER QUALITY CRITERIA (µg/L)	MAXIMUM BACKGROUND CONCENTRATION (µg/L)	ANALYTICAL RESULTS (µg/L) SAMPLING DATE		
				MW4 2/16/95, 3/8/95 (avg.)	MW5 2/16/95, 3/9/95 (avg.)	MW6 2/16/95, 3/9/95 (avg.)
VOC's (µg/L)						
Chlorobenzene	2.7	4	ND	ND	**5 J**	ND
Toluene	2.7	1000	ND	ND	4.5 J	4 J
SVOCs (µg/L)						
4-Methylphenol	12.9	NLE	ND	ND	4 J	ND
Naphthalene	8.4	NLE	ND	ND	3 J	ND
2-Methylnaphthalene	8.7	NLE	ND	ND	1.5 J	ND
Acenaphthene	6.0	400	ND	ND	2 J	ND
Fluorene	6.3	300	ND	ND	1.5 J	ND
Phenanthrene	5.0	NLE	ND	ND	3 J	ND
Anthracene	4.6	2000	ND	ND	3 J	ND
Pyrene	5.4	200	ND	ND	3 J	ND
bis-(2-Ethylhexyl)phthalate	9.7	30*	100B	ND	ND	4 J
Carbazol	4.4	NLE	ND	ND	3 J	ND
METALS TOTAL (µg/L)						
Aluminum	24.0	200	121000	**705**	**2494**	**474**
Arsenic	1.9	8*	89.3	1.425	2.625	ND
Barium	1.7	2000	699	47.4	584	124
Calcium	10.4	NLE	45400	33750	95600	122500
Cadmium	2.8	4	9.5	ND	2.825	ND
Cobalt	3.0	NLE	18.3	ND	2.075	ND
Chromium	2.9	100	191	9.05	20.1	7.75
Copper	1.9	1000	730[1]	2	22.7	ND
Iron	6.4	300	431000	**2965**	**89850**	**20500**
Mercury	0.2	2	0.26	ND	0.365	ND
Potassium	685	NLE	137000	7825	13300	10300
Magnesium	18.3	NLE	62700	4590	17950	28800
Manganese	1.8	50	480[1]	34.3	**1115**	**686**
Sodium	30.5	50000	197000[1]	13150	15800	34300
Nickel	10.8	100	187	4	ND	ND
Lead	1.6	10*	22.7	ND	**78.3**	**21.2**
Vanadium	2.3	NLE	108	3.3	12	3.625
Zinc	3.8	5000	233	17.85	234.05	62.05

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.

concentrations, where appropriate. Figure 4.2-11 presents the locations and average concentrations of compounds detected above the NJDEP GWQC, and above both site-specific and Monmouth County background concentrations established at the Main Post.

VOCs

Although chlorobenzene was detected below the laboratory quantitation limit but above the method detection limit in a sample collected at MW-5 from the March sampling round, the value slightly exceeds the NJDEP GWQC. As discussed in Subsection 4.1, the analytical results that are reported with a "J" are estimated values that are below the quantitation limit but above the method detection limit.

SVOCs

SVOCs were not detected above laboratory quantitation limits in the site monitor wells from either sampling round. The levels of compounds that could be estimated (below the laboratory quantitation limit) were well below the NJDEP GWQC, where established.

Pesticides/PCBs

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

Metals

As indicated in Table 4.2-5, of the 18 metals detected in site groundwater, 4 metals (aluminum, iron, manganese, and lead) were found in concentrations exceeding the NJDEP GWQC. However, aluminum and iron were found in concentrations below those determined for site-specific and/or Monmouth County background. Manganese was detected (at MW-5 and MW-6) in concentrations greater than the site-specific and Monmouth County background levels. In addition, lead was found in concentrations greater than those determined for maximum background in MW-5 (Figure 4.2-11), but below background in MW-6. However, lead was not

detected in the filtered sample above NJDEP GWQC. 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. The relatively high sodium concentrations in groundwater samples from site M-3 are from saltwater intrusion from the Parkers Creek estuary via Lafetra Creek.

Cyanide

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

4.2.3.7 Surface-Water Sampling Results

Two surface-water samples were collected at M-3: M10SW-1 and M6SW-1 (Figures 4.2-6 and 4.2-7). M10SW-1 is upgradient of M-3 and M6SW-1 is downgradient. Both samples were determined to be saltwater, based on conductivity results and field observations. Total (unfiltered) and soluble (filtered) concentrations were compared to NJDEP saltwater criteria and background and are presented in Table 4.2-6.

VOCs

VOCs were analyzed for but were not detected in site surface-water samples.

SVOCs

SVOCs were analyzed for but were not detected in site surface-water samples.

Pesticides/PCBs

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

Table 4.2-6
Summary of Detected Compounds in Site Surface Water
Total and Soluble - Site M-3

COMPOUND	METHOD DETECTION LIMIT	NJDEP SURFACE WATER CRITERIA[a] SALINE WATER	MAXIMUM BACKGROUND CONCENTRATION (TOTAL)	MAXIMUM BACKGROUND CONCENTRATION (SOLUBLE)	ANALYTICAL RESULTS (µg/L) 12/1/94			
					MP6SW-1 (Total)	MP6SW-1 (Soluble)	M10SW-1 (Total)	M10SW-1 (Soluble)
METALS TOTAL (µg/L)								
Aluminum	26.7	NLE	748	ND	179	ND	69	ND
Barium	2.1	NLE	44.7	39.4	33.3	27.7	34.6	29.1
Calcium	12	NLE	31600	30900	32100	30400	30000	29400
Copper	2.4	NLE	32	4	ND	4.3	ND	3.9
Iron	4.7	NLE	6210	405	2940	465	2180	355
Lead	1.6	NLE	10	ND	4.8	ND	1.6	ND
Magnesium	38.2	NLE	5440	5120	9790	9030	5340	5160
Manganese	2.0	100 (h)	113	98.6	**102**	94.3	98.7	96.2
Potassium	821	NLE	5060	4280	6260	5840	4320	4280
Selenium	0.9	NLE	ND	ND	1.1	ND	ND	ND
Sodium	15.4	NLE	26700	26200	56500	52300	18200	17700
Zinc	2.8	NLE	35.1	23.8	12.2	7.8	16	7.9

[a] - NJDEP Surface Water Quality Standards (1993).
h -Non carcinogen effect-based human health criteria as a 30 day average.
ND - Indicates that the compound was not detected at the noted quantification limit.
NLE - No Level Established
Compounds dectected above NJDEP Surface Water Criteria are bolded.

Metals

As indicated in Table 4.2-6, of the 12 metals detected in site surface water, only one (manganese, unfiltered) was found in a concentration slightly exceeding the NJDEP surface-water criteria (saline) in sample MP6SW1. However, the concentration of manganese was detected below the maximum background levels established at the Main Post for total metals. In addition, manganese was found in a concentration below the established criteria and background in the filtered sample.

As presented in Table 4.2-6 (soluble), no soluble concentrations of contaminants detected in M6SW-1 surface-water were greater than NJDEP surface-water criteria.

None of the total or soluble concentrations of chemicals detected in M10SW-1 surface water exceeded NJDEP surface-water guidance (Table 4.2-6 total and soluble).

4.2.3.8 Recommendations

The geophysical surveys indicate that the extent of the identified waste material is within the suspected boundaries of the landfill and the monitor wells have been installed in appropriate locations to monitor shallow groundwater quality upgradient and downgradient of the site. In an isolated area of the site the GPR results indicated hyperbolic radar signatures typical of a buried drum or drums. A partially exposed drum was also observed at this location.

Groundwater quality results indicate that chlorobenzene was detected in one downgradient well below laboratory quantitation limits, but just above NJDEP GWQC and background from one sampling round. Lead was also detected at levels above NJDEP GWQC and background.

The surface-water quality results indicate that no organic or inorganic concentrations exceeded both NJDEP surface-water criteria and the maximum background concentration. Because the site formerly had an NJPDES permit, 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.

Although NJDEP groundwater criteria were exceeded for one VOC, immediate remedial action is not required for several reasons. First, the measured value for the VOC was below the quantitation limit and just slightly above the GWQC. In addition, the groundwater flows toward Lafetra Creek, and since the water table is higher than the creek bed and groundwater flow tends to follow surface topography, the shallow groundwater probably flows into Lafetra Creek. There are no uses of groundwater between the source and Lafetra Creek. Surface-water samples did not exceed NJDEP surface-water criteria. Therefore, there is no immediate threat to human health.

In addition, because surface-water sampling has been performed at this site since 1986, and the landfill has not been used for decades, the concentrations of VOCs seem, at worst, to be stable and possibly decreasing. Presumably, since no material is being added to the source (the landfill), natural degradation will decrease groundwater and surface-water contamination levels in the future.

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

The partially exposed drum will be excavated. The area immediately around and under the drum will be investigated for additional drums. Any excavated drums will be examined to determine if hazardous materials were present or still exist. The drum and the excavation will be monitored with a photoionization detector (PID). NJDEP will be requested to send a representative to

monitor the excavation. If there is no indication that the drum contained, or still contains, hazardous materials and if elevated readings are not observed on the PID, the excavation will be backfilled and no further action will be taken. If contamination is identified, additional sampling will be conducted in accordance with the *Technical Requirements for Site Remediation* (NJDEP, 1993).

Appendix C

Groundwater Monitoring Well Laboratory Analytical Data,
2nd Quarter 2000 through 3rd Quarter 2002

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT: DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-3

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5448.04	00M3MW04	29-32568	06/01/00
5448.05	00M3MW05	29-32569	06/01/00
5448.06	00M3MW06	29-32570	06/01/00
5448.07	00M3MW07	29-39173	06/01/00
5448.08	00M3MW08	29-39174	06/01/00
5448.09	00M3MW09	29-39175	06/01/00
5448.10	00M3MW10	29-39176	06/01/00
5448.11	00M3MW11	29-39145	06/01/00

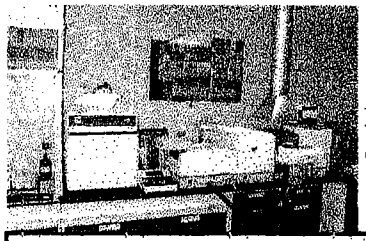
NJDEP Laboratory Certification # 13461

7-17-00

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer:

Phone #:

( )DERA ( )OMA ( )Other:_____

Project No:

Location: M3 wells 2nd Qtr '00

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL/HNO3/C4E

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOC's	TAL MTLS	Pest / PCB	BNA + 25				Hex Reed	Remarks / Preservation Method
5448 . .01	Trip	6/1/00	0727	AQ	~~2~~ 1	✓							—	
.02	Field Blank		0930		5	✓	✓	✓	✓				—	
.03	Dupe		—		5	✓	✓	✓	✓				—	
.04	00 M3 mw 04		1005		5	✓	✓	✓	✓				0.0	29-32568
.05	00M3 mw05		0938		5	✓	✓	✓	✓				0.0	29-32569
.06	00M3 mw06		0946		5	✓	✓	✓	✓				0.0	29-32570
.07	00M3 mw07		1043		5	✓	✓	✓	✓				0.0	29-39173
.08	00M3 mw08		1123		5	✓	✓	✓	✓				0.0	29-39174
.09	00 M3 mw 09		1346		5	✓	✓	✓	✓				0.0	29-39175
.10	00M3 mw 10		1316		5	✓	✓	✓	✓				0.0	29-39176
.11	00M3 mw 11 *	↓	1158	↓	5	✓	✓	✓	✓				0.0	29-39145

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/1/00 1415	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Turnaround time: ( )Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide; H->0

print legibly

Coc.xls4/19/00

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW#: 00M3MW04
NJDEP ID #: 29-32568
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/01/00
WEATHER: Sunny, hot.
TIDE: High-outgoing

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 19.02 ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 11.92 ft
DEPTH OF WELL: 25.11 ft
DEPTH TO TOP OF SCREEN: 8.00 ft
HEIGHT OF WATER: 13.19 ft
(13.19) X .65 X 3 =25.72
GALLONS OF H2O TO BE PURGED: 26 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:11
pH 6.51 su
DISSOLVED O2 6.12 ppm
TEMP 13.3 °C
SPECIFIC CONDUCTIVITY 163 us/cm

PURGE END TIME: 10:04
pH 6.50 su
DISSOLVED O2 5.61 ppm
TEMP 13.2 °C
0SPECIFIC CONDUCTIVITY 162 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 12.77 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 26 gal

SAMPLE START TIME: 10:05
pH 6.48 su
DISSOLVED O2 5.59 ppm
TEMP 13.2 °C
SPECIFIC CONDUCTIVITY 162 us/cm

SAMPLE END TIME: 10:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW#: 00M3MW05
NJDEP ID #: 29-32569
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/01/00
WEATHER: Sunny, hot.
TIDE: High-outgoing

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 13.30 ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 8.53 ft
DEPTH OF WELL: 18.14 ft
DEPTH TO TOP OF SCREEN: 6.00 ft
HEIGHT OF WATER: 9.61 ft
(9.69) X .65 X 3 =18.73
GALLONS OF H2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:15
pH 6.67 su
DISSOLVED O2 6.23 ppm
TEMP 13.6 °C
SPECIFIC CONDUCTIVITY 371 us/cm

PURGE END TIME: 09:37
pH 6.63 su
DISSOLVED O2 5.71 ppm
TEMP 13.4 °C
SPECIFIC CONDUCTIVITY 368 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 9.00 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 09:38
pH 6.61 su
DISSOLVED O2 5.67 ppm
TEMP 13.3 °C
SPECIFIC CONDUCTIVITY 366 us/cm

SAMPLE END TIME: 09:45

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW#: 00M3MW06
NJDEP ID #: 29-32570
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/01/00
WEATHER: Sunny, hot.
TIDE: High-outgoing

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 12.42 ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 8.44 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 8.73 ft
(8.73) X .65 X 3 =17.00
GALLONS OF H2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:23
pH 6.66 su
DISSOLVED O2 6.23 ppm
TEMP 13.4 °C
SPECIFIC CONDUCTIVITY 360 us/cm

PURGE END TIME: 09:37
pH 6.61 su
DISSOLVED O2 5.76 ppm
TEMP 13.2 °C
SPECIFIC CONDUCTIVITY 361 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 10.45 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 09:46
pH 6.60 su
DISSOLVED O2 5.71 ppm
TEMP 13.2 °C
SPECIFIC CONDUCTIVITY 361 us/cm

SAMPLE END TIME: 09:55

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW# 00M3MW07
NJDEP ID #: 29-39173
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/01/00
WEATHER: Sunny, hot.
TIDE: High-outgoing

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 10.71 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 9.24 ft
DEPTH OF WELL: 18.48 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 9.24 ft
(9.24) X .163 X 3 =4.51
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:20
pH 6.82 su
DISSOLVED O2 6.71 ppm
TEMP 13.4 °C
SPECIFIC CONDUCTIVITY 627 us/cm

PURGE END TIME: 10:20
pH 6.77 su
DISSOLVED O2 5.43 ppm
TEMP 13.2 °C
SPECIFIC CONDUCTIVITY 620 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 14.94 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 10:43
pH 6.76 su
DISSOLVED O2 5.41 ppm
TEMP 13.2 °C
SPECIFIC CONDUCTIVITY 621 us/cm

SAMPLE END TIME: 10:47

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW# 00M3MW08
NJDEP ID #: 29-39174
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/01/00
WEATHER: Sunny, hot.
TIDE: High-outgoing

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 9.24 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 5.97 ft
DEPTH OF WELL: 15.23 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 9.26 ft
(9.26) X .163 X 3 =4.52
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:00
pH 7.89 su
DISSOLVED O2 6.71 ppm
TEMP 13.4 °C
SPECIFIC CONDUCTIVITY 761 us/cm

PURGE END TIME: 11:22
pH 7.81 su
DISSOLVED O2 5.57 ppm
TEMP 13.2 °C
SPECIFIC CONDUCTIVITY 757 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 6.63 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 11:23
pH 7.80 su
DISSOLVED O2 5.54 ppm
TEMP 13.2 °C
SPECIFIC CONDUCTIVITY 754 us/cm

SAMPLE END TIME: 11:29

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW# 00M3MW09
NJDEP ID #: 29-39175
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/01/00
WEATHER: Sunny, hot.
TIDE: High-outgoing

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 8.84 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 11.05 ft
DEPTH OF WELL: 16.95 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 5.90 ft
(5.90) X .163 X 3 =2.88
GALLONS OF H2O TO BE PURGED: 3 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:32
pH 6.77 su
DISSOLVED O2 5.97 ppm
TEMP 13.4 °C
SPECIFIC CONDUCTIVITY 671 us/cm

PURGE END TIME: 13:45
pH 6.71 su
DISSOLVED O2 5.21 ppm
TEMP 13.2 °C
SPECIFIC CONDUCTIVITY 666 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 11.30 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 3 gal

SAMPLE START TIME: 13:46
pH 6.70 su
DISSOLVED O2 5.17 ppm
TEMP 13.2 °C
SPECIFIC CONDUCTIVITY 667 us/cm

SAMPLE END TIME: 13:52

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW# 00M3MW10
NJDEP ID #: 29-39176
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/01/00
WEATHER: Sunny, hot.
TIDE: High-outgoing

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 9.71 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 5.53 ft
DEPTH OF WELL: 16.05 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 10.52 ft
(10.52) X .163 X 3 =5.14
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:53
pH 6.70 su
DISSOLVED O2 5.87 ppm
TEMP 13.5 °C
SPECIFIC CONDUCTIVITY 371 us/cm

PURGE END TIME: 13:15
pH 6.67 su
DISSOLVED O2 5.11 ppm
TEMP 13.2 °C
SPECIFIC CONDUCTIVITY 378 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 6.29 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 13:16
pH 6.66 su
DISSOLVED O2 5.03 ppm
TEMP 13.1 °C
SPECIFIC CONDUCTIVITY 379 us/cm

SAMPLE END TIME: 13:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW# 00M3MW11
NJDEP ID #: 29-39145
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/01/00
WEATHER: Sunny, hot.
TIDE: High-outgoing

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 12.08 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 7.93 ft
DEPTH OF WELL: 16.50 ft
DEPTH TO TOP OF SCREEN: 2.00 ft
HEIGHT OF WATER: 8.57 ft
(8.57) X .163 X 3 =4.19
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:40
pH 6.73 su
DISSOLVED O2 6.11 ppm
TEMP 13.4 °C
SPECIFIC CONDUCTIVITY 347 us/cm

PURGE END TIME: 11:57
pH 6.71 su
DISSOLVED O2 5.61 ppm
TEMP 13.2 °C
SPECIFIC CONDUCTIVITY 344 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 8.15 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 11:58
pH 6.70 su
DISSOLVED O2 5.60 ppm
TEMP 13.2 °C
SPECIFIC CONDUCTIVITY 343 us/cm

SAMPLE END TIME: 12:04

COMMENTS: Dupe here

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	: Method Detection Limit
J	: Compound Identified Below Detection Limit
B	: Compound is in Both Sample and Blank
D	: Results are from a Dilution of the Sample
U	: Compound Searched for but not Detected
E	: Compound Exceeds Calibration Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007122.D**	Sample Name	**Vblk217**
Operator	**Skelton**	Field ID	**Vblk217**
Date Acquired	**7 Jun 2000 10:32 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Vblk217

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk217

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007122.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. Date Analyzed: 6/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007123.D**	Sample Name	**5448.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**7 Jun 2000 11:24 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5448 Location: M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5448.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007123.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. _____ Date Analyzed: 6/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007124.D**	Sample Name	**5448.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**7 Jun 2000 12:03 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007124.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. Date Analyzed: 6/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007125.D**	Sample Name	**5448.03**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**7 Jun 2000 12:43 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	163987	3.50 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007125.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. Date Analyzed: 6/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007126.D**	Sample Name	**5448.04**
Operator	**Skelton**	Field ID	**00M3MW04**
Date Acquired	**7 Jun 2000 1:23 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW04

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007126.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. Date Analyzed: 6/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007127.D**	Sample Name	**5448.05**
Operator	**Skelton**	Field ID	**00M3MW05**
Date Acquired	**7 Jun 2000 2:03 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	204855	4.32 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW05

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007127.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. Date Analyzed: 6/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	33.97	9	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007128.D**	Sample Name	**5448.06**
Operator	**Skelton**	Field ID	**00M3MW06**
Date Acquired	**7 Jun 2000 2:43 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	88382	1.44 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	100704	2.05 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW06

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007128.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. Date Analyzed: 6/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	33.97	28	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007129.D**	Sample Name	**5448.07**
Operator	**Skelton**	Field ID	**00M3MW07**
Date Acquired	**7 Jun 2000 3:23 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW07

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007129.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. Date Analyzed: 6/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007130.D**	Sample Name	**5448.08**
Operator	**Skelton**	Field ID	**00M3MW08**
Date Acquired	**7 Jun 2000 4:03 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW08

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007130.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. Date Analyzed: 6/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007131.D**	Sample Name	**5448.09**
Operator	**Skelton**	Field ID	**00M3MW09**
Date Acquired	**7 Jun 2000 4:43 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.56	739172	15.39 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	82229	2.51 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW09

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007131.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. Date Analyzed: 6/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007132.D**	Sample Name	**5448.10**
Operator	**Skelton**	Field ID	**00M3MW10**
Date Acquired	**7 Jun 2000 5:23 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	571061	11.80 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	47882	1.45 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW10

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007132.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. Date Analyzed: 6/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007133.D**	Sample Name	**5448.11**
Operator	**Skelton**	Field ID	**00M3MW11**
Date Acquired	**7 Jun 2000 6:02 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	177397	3.56 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	53631	1.58 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW11

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007133.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. Date Analyzed: 6/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04057.D**	Sample Name	**Sblk381**
Operator	**Bhaskar**	Misc Info	**Sblk381 A 000608**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04057.D**	Sample Name	**Sblk381**
Operator	**Bhaskar**	Misc Info	**Sblk381 A 000608**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Sblk381**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Sblk381

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04057.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/9/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04061.D**	Sample Name	**5448.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04061.D**	Sample Name	**5448.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04061.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/9/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04062.D**	Sample Name	**5448.03**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene	17.70	35204	1.32 ug/L	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04062.D**	Sample Name	**5448.03**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene	18.85	35504	1.14 ug/L	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04062.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/9/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000105-60-2	Caprolactam	14.29	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04063.D**	Sample Name	**5448.04**
Operator	**Bhaskar**	Misc Info	**00M3MW04**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04063.D**	Sample Name	**5448.04**
Operator	**Bhaskar**	Misc Info	**00M3MW04**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M3MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04063.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/9/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04064.D**	Sample Name	**5448.05**
Operator	**Bhaskar**	Misc Info	**00M3MW05**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene	14.98	37783	1.27 ug/L	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene	17.70	46099	1.63 ug/L	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04064.D**	Sample Name	**5448.05**
Operator	**Bhaskar**	Misc Info	**00M3MW05**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene	18.85	39716	1.20 ug/L	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene	20.94	59314	1.30 ug/L	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.55	140992	3.89 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M3MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04064.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/9/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	20.16	8	J
2. 000057-10-3	Hexadecanoic acid	22.14	7	JN
3. 000080-05-7	Phenol, 4,4'-(1-methylethylidene)	24.14	7	JN
4. 003687-45-4	9-Octadecenoic acid (Z)-, 9-octad	32.37	37	JN
5.	unknown	10.79	7	J
6. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.61	6	JN
7. 001005-64-7	(E)-1-Phenyl-1-butene	12.74	6	JN
8.	unknown	13.45	6	J
9.	unknown	19.57	10	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04065.D**	Sample Name	**5448.06**
Operator	**Bhaskar**	Misc Info	**00M3MW06**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BNA04065.D**	Sample Name	**5448.06**
Operator	**Bhaskar**	Misc Info	**00M3MW06**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M3MW06**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04065.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/9/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	10.79	17	JN
2. 000057-10-3	Hexadecanoic acid	22.14	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04066.D**	Sample Name	**5448.07**
Operator	**Bhaskar**	Misc Info	**00M3MW07**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BNA04066.D**	Sample Name	**5448.07**
Operator	**Bhaskar**	Misc Info	**00M3MW07**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M3MW07**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.07

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04066.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/9/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000105-60-2	Caprolactam	14.30	8	JN
2. 000057-10-3	Hexadecanoic acid	22.14	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04067.D**	Sample Name	**5448.08**
Operator	**Bhaskar**	Misc Info	**00M3MW08**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04067.D**	Sample Name	**5448.08**
Operator	**Bhaskar**	Misc Info	**00M3MW08**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M3MW08**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.08

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04067.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/9/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000105-60-2	Caprolactam	14.29	6	JN
2. 000057-10-3	Hexadecanoic acid	22.14	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04068.D**	Sample Name	**5448.09**
Operator	**Bhaskar**	Misc Info	**00M3MW09**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene	10.36	34942	1.84 ug/L	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BNA04068.D**	Sample Name	**5448.09**
Operator	**Bhaskar**	Misc Info	**00M3MW09**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.56	119417	3.44 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M3MW09**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.09

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04068.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/9/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	10.80	5	J
2. 000105-60-2	Caprolactam	14.30	8	JN
3. 000057-10-3	Hexadecanoic acid	22.14	5	JN
4. 022393-98-2	9-Hexadecenoic acid, 9-octadece	32.37	18	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04069.D**	Sample Name	**5448.10**
Operator	**Bhaskar**	Misc Info	**00M3MW10**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene	17.70	38303	1.40 ug/L	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04069.D**	Sample Name	**5448.10**
Operator	**Bhaskar**	Misc Info	**00M3MW10**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene	18.85	32672	1.02 ug/L	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.55	74191	2.15 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M3MW10**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.10

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04069.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/9/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	10.80	5	J
2. 000581-40-8	Naphthalene, 2,3-dimethyl-	16.80	5	JN
3.	unknown	19.56	5	J
4.	unknown	20.16	6	J
5. 000080-05-7	Phenol, 4,4'-(1-methylethylidene)	24.14	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04070.D**	Sample Name	**5448.11**
Operator	**Bhaskar**	Misc Info	**00M3MW11**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene	17.70	32100	1.16 ug/L	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04070.D**	Sample Name	**5448.11**
Operator	**Bhaskar**	Misc Info	**00M3MW11**
Date Acquired	**9-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene	18.85	32715	1.01 ug/L	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M3MW11**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5448 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5448.11

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04070.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/9/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.94	5	J
2. 000105-60-2	Caprolactam	14.29	7	JN

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK534
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/7/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5448.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/7/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5448.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/7/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5448.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/7/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M3MW04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5448.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/7/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M3MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5448.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/7/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M3MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5448.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/7/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M3MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5448.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/7/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M3MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5448.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/7/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M3MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5448.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/7/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/9/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M3MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5448.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/7/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/9/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M3MW11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5448
Sample Prepared: 06/07/00

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/08/00	46.9	200	10.0
Antimony	06/08/00	3.78	20	2.0
Arsenic	06/08/00	ND	8	2.0
Barium	06/08/00	0.859	2000	0.5
Beryllium	06/08/00	ND	20	0.5
Cadmium	06/08/00	ND	4	0.5
Calcium	06/08/00	121	NLE	20.0
Chromium	06/08/00	2.05	100	0.5
Cobalt	06/08/00	ND	NLE	0.5
Copper	06/08/00	46.3	1000	3.0
Iron	06/08/00	93.3	300	10.0
Lead	06/08/00	ND	10	2.0
Magnesium	06/08/00	86.9	NLE	20.0
Manganese	06/08/00	3.89	50	0.5
Mercury	06/16/00	ND	2	0.1
Nickel	06/08/00	1.95	100	0.5
Potassium	06/08/00	32.8	NLE	20.0
Selenium	06/08/00	ND	50	3.0
Silver	06/08/00	ND	20	3.0
Sodium	06/08/00	35.5	50000	20.0
Thallium	06/08/00	ND	10	3.0
Vanadium	06/08/00	ND	NLE	1.0
Zinc	06/08/00	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5448.02
Sample Received: 06/01/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/08/00	ND	200	10.0
Antimony	06/08/00	ND	20	2.0
Arsenic	06/08/00	ND	8	2.0
Barium	06/08/00	ND	2000	0.5
Beryllium	06/08/00	ND	20	0.5
Cadmium	06/08/00	ND	4	0.5
Calcium	06/08/00	ND	NLE	20.0
Chromium	06/08/00	0.6	100	0.5
Cobalt	06/08/00	ND	NLE	0.5
Copper	06/08/00	7.00	1000	3.0
Iron	06/08/00	ND	300	10.0
Lead	06/08/00	2.00	10	2.0
Magnesium	06/08/00	ND	NLE	20.0
Manganese	06/08/00	ND	50	0.5
Mercury	06/16/00	ND	2	0.1
Nickel	06/08/00	4.90	100	0.5
Potassium	06/08/00	ND	NLE	20.0
Selenium	06/08/00	4.00	50	3.0
Silver	06/08/00	ND	20	3.0
Sodium	06/08/00	42.0	50000	20.0
Thallium	06/08/00	ND	10	3.0
Vanadium	06/08/00	ND	NLE	1.0
Zinc	06/08/00	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5448.03
Sample Received: 06/01/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/08/00	1370	200	10.0
Antimony	06/08/00	2.69	20	2.0
Arsenic	06/08/00	ND	8	2.0
Barium	06/08/00	408	2000	0.5
Beryllium	06/08/00	ND	20	0.5
Cadmium	06/08/00	11.7	4	0.5
Calcium	06/08/00	134000	NLE	20.0
Chromium	06/08/00	12.5	100	0.5
Cobalt	06/08/00	1.92	NLE	0.5
Copper	06/08/00	56.9	1000	3.0
Iron	06/08/00	59300	300	10.0
Lead	06/08/00	6.21	10	2.0
Magnesium	06/08/00	11300	NLE	20.0
Manganese	06/08/00	1020	50	0.5
Mercury	06/16/00	0.21	2	0.1
Nickel	06/08/00	87.8	100	0.5
Potassium	06/08/00	6600	NLE	20.0
Selenium	06/08/00	6.56	50	3.0
Silver	06/08/00	ND	20	3.0
Sodium	06/08/00	10600	50000	20.0
Thallium	06/08/00	ND	10	3.0
Vanadium	06/08/00	ND	NLE	1.0
Zinc	06/08/00	1140	5000	1.0

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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 #: 5448.04
Sample Received: 06/01/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/08/00	281	200	10.0
Antimony	06/08/00	3.10	20	2.0
Arsenic	06/08/00	ND	8	2.0
Barium	06/08/00	71.8	2000	0.5
Beryllium	06/08/00	ND	20	0.5
Cadmium	06/08/00	0.909	4	0.5
Calcium	06/08/00	28000	NLE	20.0
Chromium	06/08/00	4.45	100	0.5
Cobalt	06/08/00	10.7	NLE	0.5
Copper	06/08/00	9.93	1000	3.0
Iron	06/08/00	1390	300	10.0
Lead	06/08/00	2.93	10	2.0
Magnesium	06/08/00	9760	NLE	20.0
Manganese	06/08/00	22.4	50	0.5
Mercury	06/16/00	ND	2	0.1
Nickel	06/08/00	53.5	100	0.5
Potassium	06/08/00	4950	NLE	20.0
Selenium	06/08/00	5.53	50	3.0
Silver	06/08/00	ND	20	3.0
Sodium	06/08/00	25800	50000	20.0
Thallium	06/08/00	ND	10	3.0
Vanadium	06/08/00	ND	NLE	1.0
Zinc	06/08/00	124	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5448.05
Sample Received: 06/01/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/08/00	13.2	200	10.0
Antimony	06/08/00	ND	20	2.0
Arsenic	06/08/00	ND	8	2.0
Barium	06/08/00	693	2000	0.5
Beryllium	06/08/00	ND	20	0.5
Cadmium	06/08/00	ND	4	0.5
Calcium	06/08/00	98200	NLE	20.0
Chromium	06/08/00	8.19	100	0.5
Cobalt	06/08/00	ND	NLE	0.5
Copper	06/08/00	6.40	1000	3.0
Iron	06/08/00	73900	300	10.0
Lead	06/08/00	ND	10	2.0
Magnesium	06/08/00	16600	NLE	20.0
Manganese	06/08/00	430	50	0.5
Mercury	06/16/00	ND	2	0.1
Nickel	06/08/00	10.9	100	0.5
Potassium	06/08/00	10700	NLE	20.0
Selenium	06/08/00	7.70	50	3.0
Silver	06/08/00	ND	20	3.0
Sodium	06/08/00	15000	50000	20.0
Thallium	06/08/00	ND	10	3.0
Vanadium	06/08/00	ND	NLE	1.0
Zinc	06/08/00	13.2	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
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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 #: 5448.06
Sample Received: 06/01/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/08/00	ND	200	10.0
Antimony	06/08/00	2.29	20	2.0
Arsenic	06/08/00	ND	8	2.0
Barium	06/08/00	153	2000	0.5
Beryllium	06/08/00	ND	20	0.5
Cadmium	06/08/00	ND	4	0.5
Calcium	06/08/00	173000	NLE	20.0
Chromium	06/08/00	13.6	100	0.5
Cobalt	06/08/00	ND	NLE	0.5
Copper	06/08/00	8.82	1000	3.0
Iron	06/08/00	22300	300	10.0
Lead	06/08/00	ND	10	2.0
Magnesium	06/08/00	38300	NLE	20.0
Manganese	06/08/00	877	50	0.5
Mercury	06/16/00	ND	2	0.1
Nickel	06/08/00	11.8	100	0.5
Potassium	06/08/00	10600	NLE	20.0
Selenium	06/08/00	7.14	50	3.0
Silver	06/08/00	ND	20	3.0
Sodium	06/08/00	15200	50000	20.0
Thallium	06/08/00	ND	10	3.0
Vanadium	06/08/00	ND	NLE	1.0
Zinc	06/08/00	55.4	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5448.07
Sample Received: 06/01/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/08/00	362	200	10.0
Antimony	06/08/00	3.55	20	2.0
Arsenic	06/08/00	ND	8	2.0
Barium	06/08/00	280	2000	0.5
Beryllium	06/08/00	ND	20	0.5
Cadmium	06/08/00	1.38	4	0.5
Calcium	06/08/00	210000	NLE	20.0
Chromium	06/08/00	23.8	100	0.5
Cobalt	06/08/00	ND	NLE	0.5
Copper	06/08/00	20.7	1000	3.0
Iron	06/08/00	17500	300	10.0
Lead	06/08/00	3.75	10	2.0
Magnesium	06/08/00	90300	NLE	20.0
Manganese	06/08/00	650	50	0.5
Mercury	06/16/00	ND	2	0.1
Nickel	06/08/00	8.86	100	0.5
Potassium	06/08/00	32200	NLE	20.0
Selenium	06/08/00	9.25	50	3.0
Silver	06/08/00	ND	20	3.0
Sodium	06/08/00	630000	50000	20.0
Thallium	06/08/00	ND	10	3.0
Vanadium	06/08/00	ND	NLE	1.0
Zinc	06/08/00	341	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
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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 #: 5448.08
Sample Received: 06/01/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/08/00	119	200	10.0
Antimony	06/08/00	ND	20	2.0
Arsenic	06/08/00	ND	8	2.0
Barium	06/08/00	233	2000	0.5
Beryllium	06/08/00	ND	20	0.5
Cadmium	06/08/00	ND	4	0.5
Calcium	06/08/00	81300	NLE	20.0
Chromium	06/08/00	8.97	100	0.5
Cobalt	06/08/00	ND	NLE	0.5
Copper	06/08/00	24.4	1000	3.0
Iron	06/08/00	41700	300	10.0
Lead	06/08/00	5.57	10	2.0
Magnesium	06/08/00	19300	NLE	20.0
Manganese	06/08/00	575	50	0.5
Mercury	06/16/00	ND	2	0.1
Nickel	06/08/00	11.1	100	0.5
Potassium	06/08/00	6610	NLE	20.0
Selenium	06/08/00	5.55	50	3.0
Silver	06/08/00	ND	20	3.0
Sodium	06/08/00	69800	50000	20.0
Thallium	06/08/00	ND	10	3.0
Vanadium	06/08/00	ND	NLE	1.0
Zinc	06/08/00	61.4	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5448.09
Sample Received: 06/01/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/08/00	202	200	10.0
Antimony	06/08/00	ND	20	2.0
Arsenic	06/08/00	ND	8	2.0
Barium	06/08/00	414	2000	0.5
Beryllium	06/08/00	ND	20	0.5
Cadmium	06/08/00	ND	4	0.5
Calcium	06/08/00	73800	NLE	20.0
Chromium	06/08/00	8.63	100	0.5
Cobalt	06/08/00	ND	NLE	0.5
Copper	06/08/00	6.86	1000	3.0
Iron	06/08/00	70600	300	10.0
Lead	06/08/00	4.60	10	2.0
Magnesium	06/08/00	15900	NLE	20.0
Manganese	06/08/00	758	50	0.5
Mercury	06/16/00	ND	2	0.1
Nickel	06/08/00	9.28	100	0.5
Potassium	06/08/00	9480	NLE	20.0
Selenium	06/08/00	6.33	50	3.0
Silver	06/08/00	ND	20	3.0
Sodium	06/08/00	23200	50000	20.0
Thallium	06/08/00	ND	10	3.0
Vanadium	06/08/00	ND	NLE	1.0
Zinc	06/08/00	70.8	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
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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 #: 5448.10
Sample Received: 06/01/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/08/00	187	200	10.0
Antimony	06/08/00	2.32	20	2.0
Arsenic	06/08/00	ND	8	2.0
Barium	06/08/00	678	2000	0.5
Beryllium	06/08/00	ND	20	0.5
Cadmium	06/08/00	ND	4	0.5
Calcium	06/08/00	109000	NLE	20.0
Chromium	06/08/00	9.85	100	0.5
Cobalt	06/08/00	ND	NLE	0.5
Copper	06/08/00	22.1	1000	3.0
Iron	06/08/00	62300	300	10.0
Lead	06/08/00	ND	10	2.0
Magnesium	06/08/00	17300	NLE	20.0
Manganese	06/08/00	735	50	0.5
Mercury	06/16/00	ND	2	0.1
Nickel	06/08/00	11.6	100	0.5
Potassium	06/08/00	10300	NLE	20.0
Selenium	06/08/00	6.90	50	3.0
Silver	06/08/00	ND	20	3.0
Sodium	06/08/00	14400	50000	20.0
Thallium	06/08/00	ND	10	3.0
Vanadium	06/08/00	ND	NLE	1.0
Zinc	06/08/00	19.3	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
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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 #: 5448.11
Sample Received: 06/01/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW11

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/08/00	2160	200	10.0
Antimony	06/08/00	2.68	20	2.0
Arsenic	06/08/00	ND	8	2.0
Barium	06/08/00	436	2000	0.5
Beryllium	06/08/00	ND	20	0.5
Cadmium	06/08/00	19.1	4	0.5
Calcium	06/08/00	133000	NLE	20.0
Chromium	06/08/00	17.7	100	0.5
Cobalt	06/08/00	2.50	NLE	0.5
Copper	06/08/00	132	1000	3.0
Iron	06/08/00	64800	300	10.0
Lead	06/08/00	17.8	10	2.0
Magnesium	06/08/00	11300	NLE	20.0
Manganese	06/08/00	1010	50	0.5
Mercury	06/16/00	0.31	2	0.1
Nickel	06/08/00	104	100	0.5
Potassium	06/08/00	6780	NLE	20.0
Selenium	06/08/00	7.16	50	3.0
Silver	06/08/00	ND	20	3.0
Sodium	06/08/00	10200	50000	20.0
Thallium	06/08/00	ND	10	3.0
Vanadium	06/08/00	2.25	NLE	1.0
Zinc	06/08/00	1550	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Di-n-butyl phthalate	Butyl benzyl phthalate	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	900	100	200	300	50	10	20	20	2000	-
05/01/1997	FMETL	83	2.77	330	270	39	ND	21	-	-	V,S,P,M
08/07/1997	FMETL	1.95	ND	139	140	62	0.6	ND	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	146	2550	64	16	ND	ND	94.5	V,S,P,M
02/17/1998	FMETL	13.6	ND	430	206	56	ND	ND	ND	84.5	V,S,P,M
05/05/1998	FMETL	ND	ND	461	433	6.6	ND	ND	9	38	V,S,P,M
07/07/1998	FMETL	ND	ND	877	4990	39.4	ND	ND	5.24	131	V,S,P,M
10/27/1998	FMETL	ND	ND	121	1260	41.8	ND	ND	8.54	126	V,S,P,M
03/01/1999	FMETL	ND	ND	815	2390	27.2	2.28	ND	3.95	91	V,S,P,M
06/11/1999	FMETL	ND	ND	244	1030	55.7	ND	ND	ND	150	V,S,P,M
07/27/1999	FMETL	ND	ND	137	515	72.6	ND	ND	2.41	159	V,S,P,M
10/26/1999	FMETL	ND	ND	111	2270	44.4	ND	ND	ND	112	V,S,P,M
03/02/2000	FMETL	ND	ND	219	1390	40.8	ND	ND	ND	137	V,S,P,M
03/02/2000D	FMETL	ND	ND	367	1910	153	ND	ND	10.4	156	V,S,P,M
06/01/2000	FMETL	ND	ND	281	1390	22.4	2.93	ND	3.10	71.8	V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 06/01/2000

NOTES:

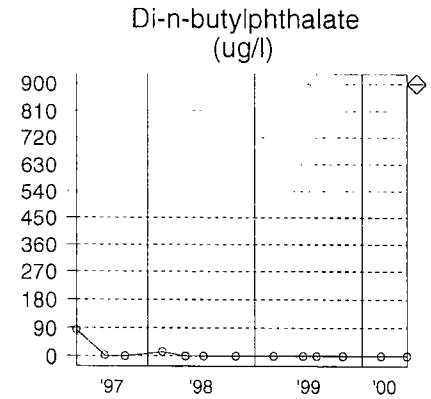
Page 1 of 2.

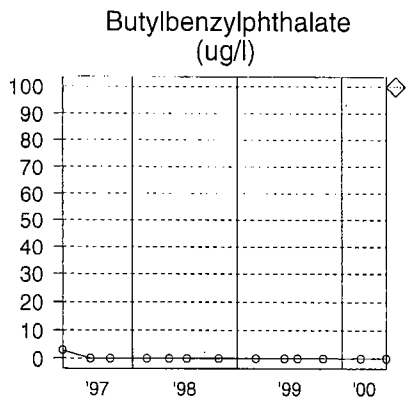
FORT MONMOUTH

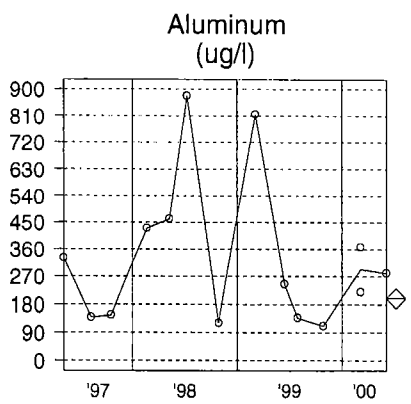
GW MONITORING
M-3

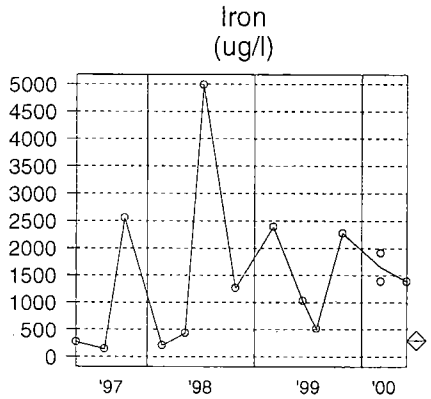
Well 1 of 8

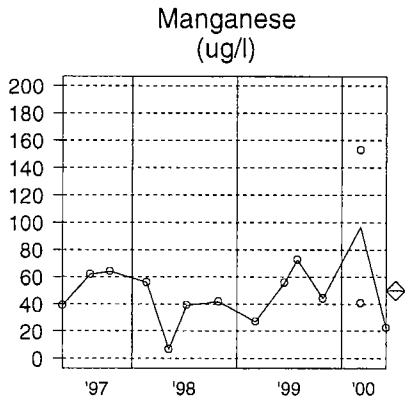
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

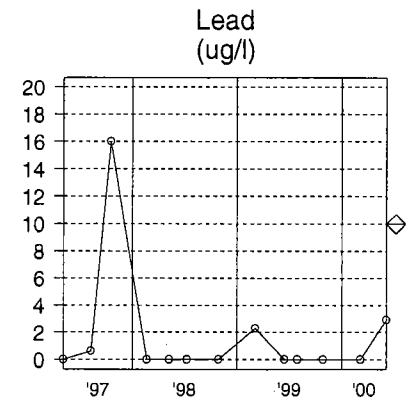


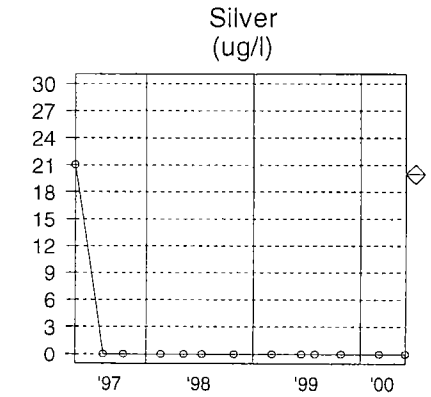


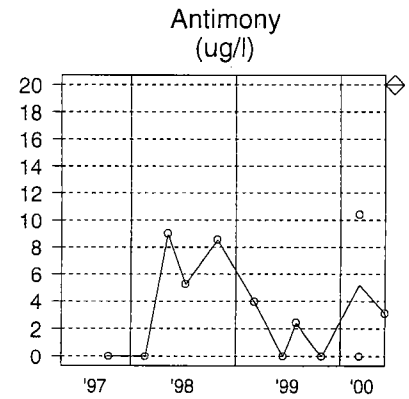


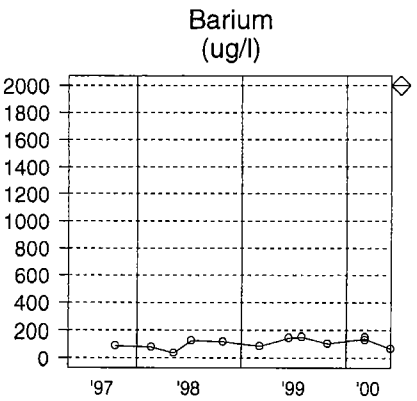












SOURCE: 00M3MW04

Sampling Dates:
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	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
05/01/1997	FMETL	-	-	-	-	-	-	-	10.55		V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	-	13.30		V,S,P,M
10/16/1997	FMETL	2.8	48790	6590	25.3	8040	18650	124	14.10		V,S,P,M
02/17/1998	FMETL	2.2	26330	8530	36	5700	16740	88	8.80		V,S,P,M
05/05/1998	FMETL	0.6	7004	7252	19.9	3590	13730	89.8	9.40		V,S,P,M
07/07/1998	FMETL	2.41	44100	8620	46	11000	19200	129	12.26		V,S,P,M
10/27/1998	FMETL	3.78	42500	6710	41.6	10500	16200	46	14.51		V,S,P,M
03/01/1999	FMETL	1.91	27800	8940	34.1	5920	21400	106	11.25		V,S,P,M
06/11/1999	FMETL	3.34	58600	9670	48.9	9210	27300	60.5	13.21		V,S,P,M
07/27/1999	FMETL	4.70	66400	9170	38.8	9770	23100	56.7	13.96		V,S,P,M
10/26/1999	FMETL	2.23	36900	5680	28.2	6850	21400	27.6	13.41		V,S,P,M
03/02/2000	FMETL	3.10	46500	11600	66.5	6880	29600	173	11.95		V,S,P,M
03/02/2000D	FMETL	4.16	51100	21400	73.5	7560	32900	159	11.95		V,S,P,M
06/01/2000	FMETL	0.909	28000	9760	53.5	4950	25800	124	11.92		V,S,P,M

SOURCE: 00M3MW04

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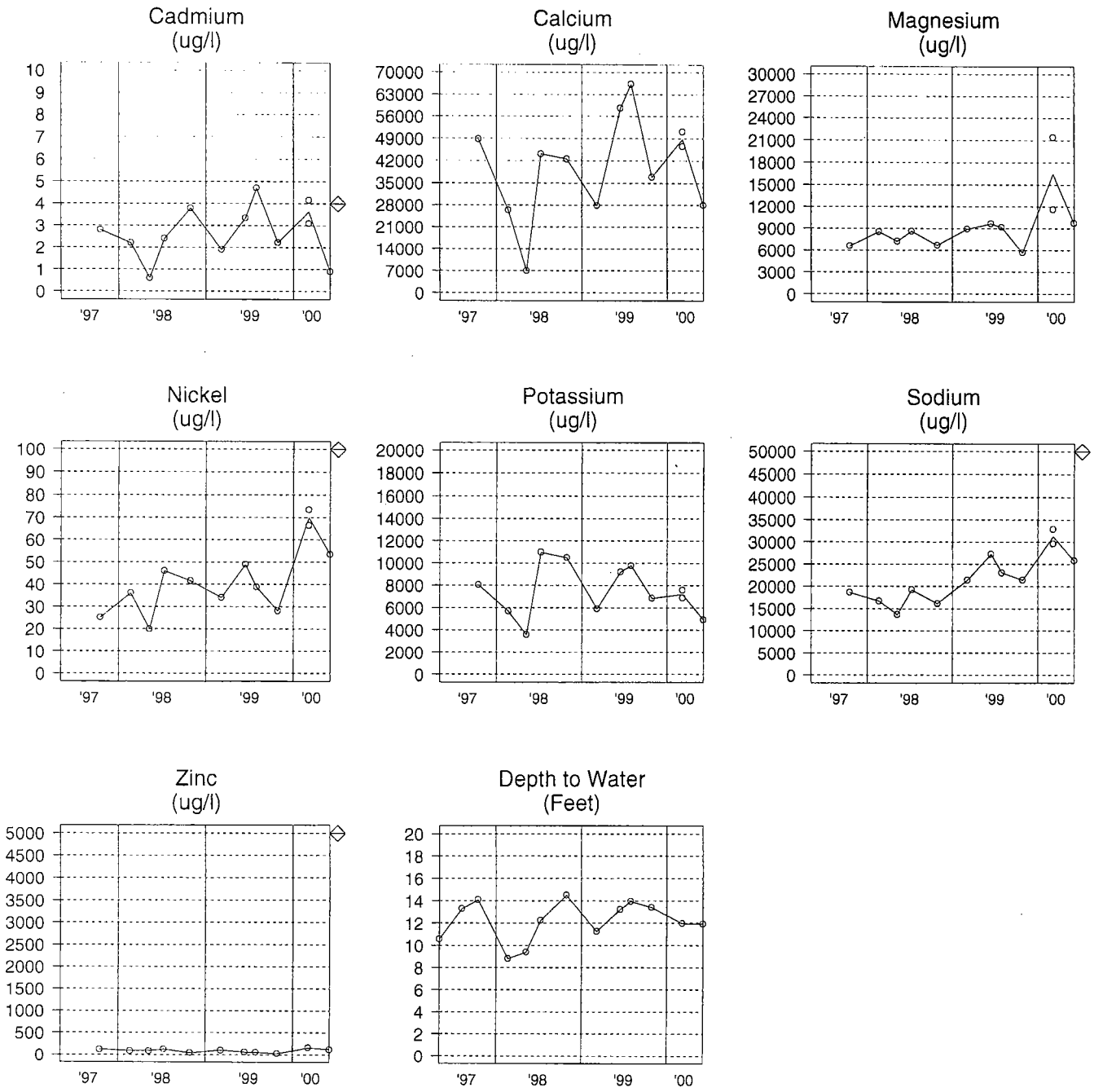

SOURCE: 00M3MW04

Sampling Dates:
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FORT MONMOUTH

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	Lab	Chloro benzene	Benzene	1,4-Di chloro benzene	Di-n-butyl phthalate	2-Methyl naphtha lene	Acenaph thene	Fluorene	Phen anthrene	bis(2-Ethyl hexyl) phthalate	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	1	75	900	NLE	400	300	NLE	30	-
05/01/1997	FMETL	3.82	ND	ND	123	1.64	1.31	1.03	1.35	ND	V,S,P,M
08/07/1997	FMETL	7.28	ND	ND	2.28	1.82	1.31	ND	1.08	ND	V,S,P,M
10/16/1997	FMETL	6.70	ND	ND	ND	2.08	1.70	1.13	1.57	ND	V,S,P,M
02/17/1998	FMETL	4.66	ND	ND	43.6	1.33	1.78	1.13	1.40	ND	V,S,P,M
05/05/1998	FMETL	7.33	1.44	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
07/07/1998	FMETL	9.23	1.33	ND	ND	1.80	1.52	1.06	1.01	ND	V,S,P,M
10/27/1998	FMETL	5.05	ND	ND	ND	ND	ND	ND	2.32	ND	V,S,P,M
03/01/1999	FMETL	5.19	ND	ND	ND	1.57	2.44	ND	2.27	ND	V,S,P,M
06/11/1999	FMETL	5.60	ND	ND	ND	ND	1.04	ND	1.13	ND	V,S,P,M
07/27/1999	FMETL	5.21	ND	1.10	ND	1.49	1.47	ND	ND	ND	V,S,P,M
10/26/1999	FMETL	5.39	ND	1.02	ND	2.00	2.20	1.65	2.14	ND	V,S,P,M
03/02/2000	FMETL	4.09	ND	ND	ND	1.29	1.74	1.29	1.45	4.03	V,S,P,M
06/01/2000	FMETL	4.32	ND	ND	ND	1.27	1.63	1.20	1.30	3.89	V,S,P,M

SOURCE: 00M3MW05

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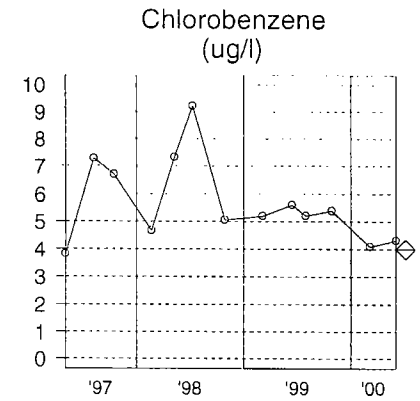

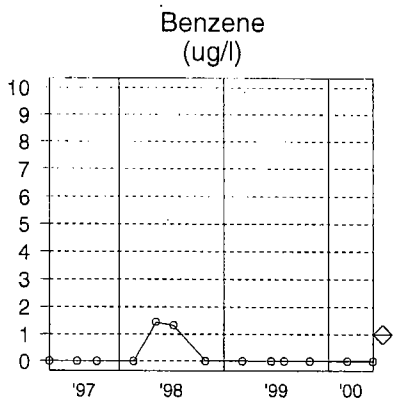

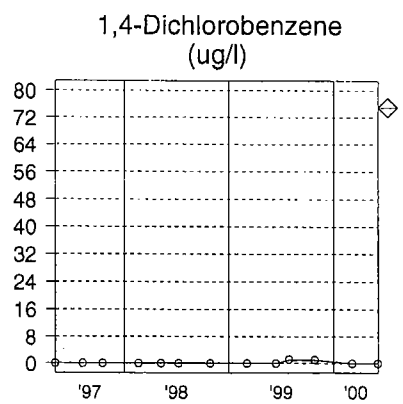

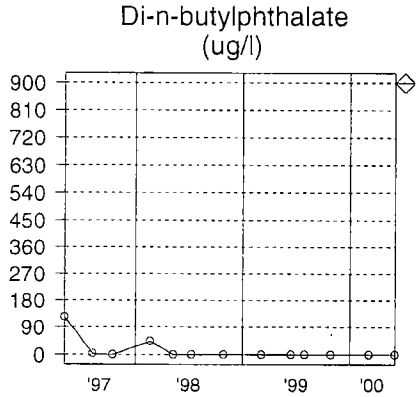

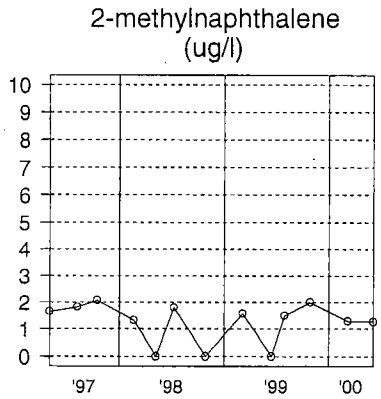

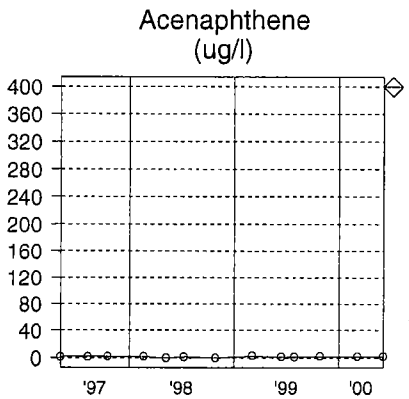

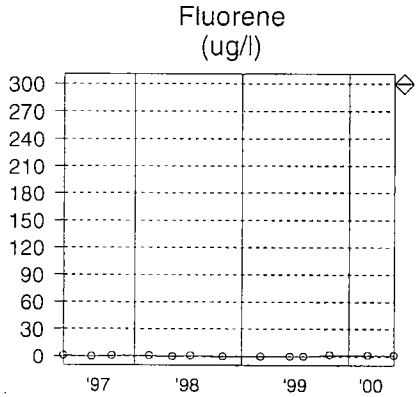

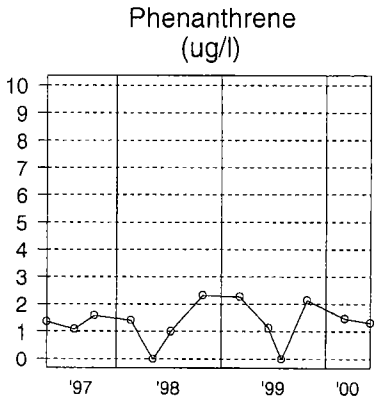

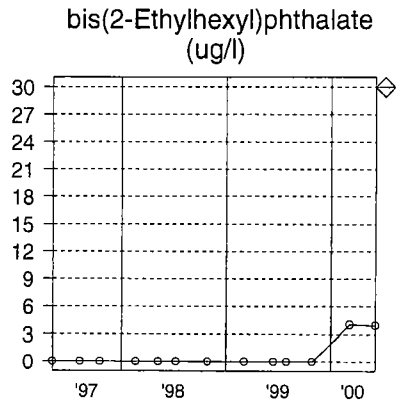

SOURCE: 00M3MW05

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	Lab	Aluminum	Iron	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	200	300	50	10	20	2000	4	NLE	NLE	-
05/01/1997	FMETL	27	73000	440	ND	-	-	-	-	-	V,S,P,M
08/07/1997	FMETL	182	187600	503	20.5	-	-	-	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	ND	ND	ND	627.3	ND	90160	14600	V,S,P,M
02/17/1998	FMETL	149	70470	425	6.0	ND	664	ND	96030	15840	V,S,P,M
05/05/1998	FMETL	ND	84560	409	ND	4.3	637	ND	89180	14300	V,S,P,M
07/07/1998	FMETL	22.3	65400	399	4.54	4.26	555	1.2	90100	13800	V,S,P,M
10/27/1998	FMETL	ND	67300	421	ND	7.83	636	ND	88000	14000	V,S,P,M
03/01/1999	FMETL	13.4	75500	409	3.15	2.4	638	ND	97800	15800	V,S,P,M
06/11/1999	FMETL	ND	70000	440	ND	ND	566	4.38	89600	14700	V,S,P,M
07/27/1999	FMETL	15.0	76500	501	ND	ND	655	1.21	90500	15000	V,S,P,M
10/26/1999	FMETL	31	66500	395	ND	ND	625	ND	85700	13900	V,S,P,M
03/02/2000	FMETL	16.3	74000	417	ND	ND	647	ND	95000	15700	V,S,P,M
06/01/2000	FMETL	13.2	73900	430	ND	ND	693	ND	98200	16600	V,S,P,M

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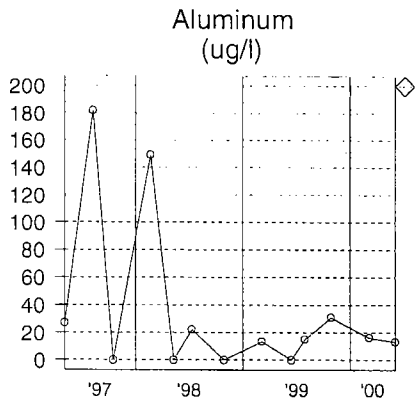

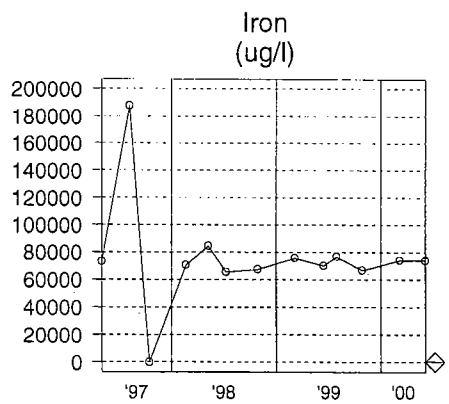

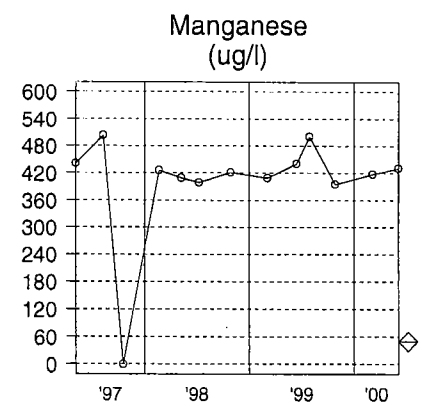

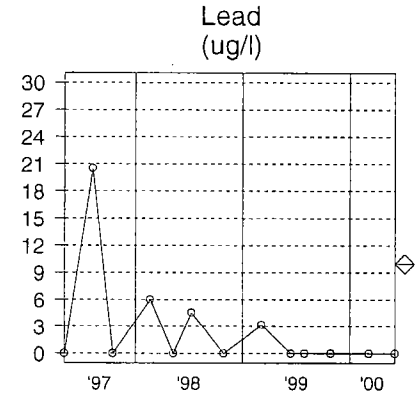

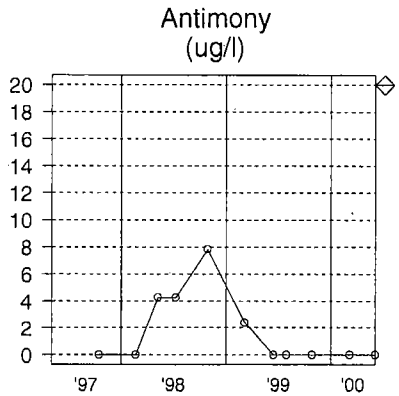

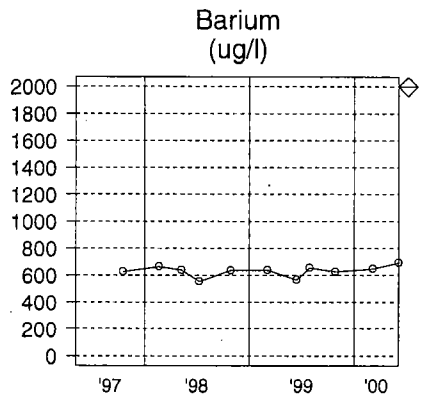

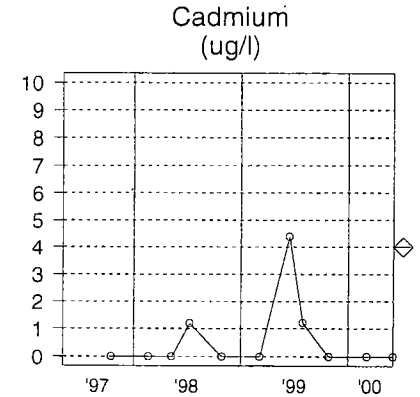

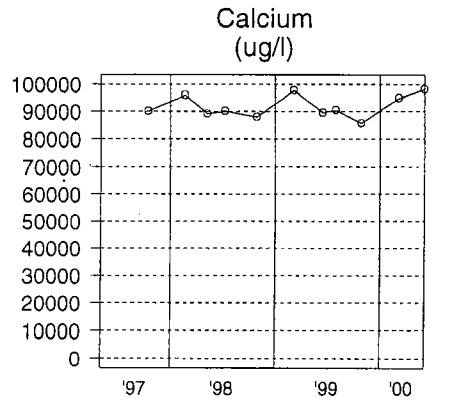

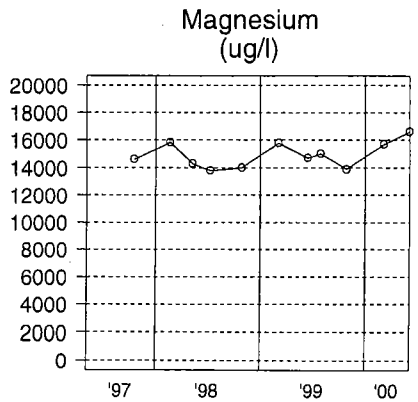

SOURCE: 00M3MW05

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	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
05/01/1997	FMETL	-	-	-	-	7.90					V,S,P,M
08/07/1997	FMETL	-	-	-	-	8.85					V,S,P,M
10/16/1997	FMETL	1.1	12350	17370	44	9.10					V,S,P,M
02/17/1998	FMETL	5.7	13960	16070	ND	7.70					V,S,P,M
05/05/1998	FMETL	1.4	15490	16640	2.2	7.76					V,S,P,M
07/07/1998	FMETL	ND	15100	9510	18.8	8.66					V,S,P,M
10/27/1998	FMETL	0.87	14100	11800	ND	9.64					V,S,P,M
03/01/1999	FMETL	1.69	11400	17300	3.68	8.47					V,S,P,M
06/11/1999	FMETL	11000	10800	16800	ND	9.13					V,S,P,M
07/27/1999	FMETL	2.15	10900	18000	13.7	9.49					V,S,P,M
10/26/1999	FMETL	1.0	10800	15800	5.69	8.77					V,S,P,M
03/02/2000	FMETL	0.912	10800	15500	17	8.45					V,S,P,M
06/01/2000	FMETL	10.9	10700	15000	13.2	8.53					V,S,P,M

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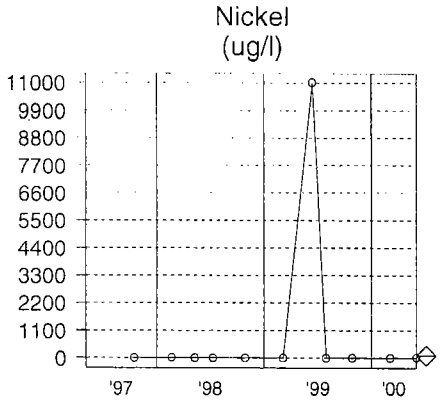

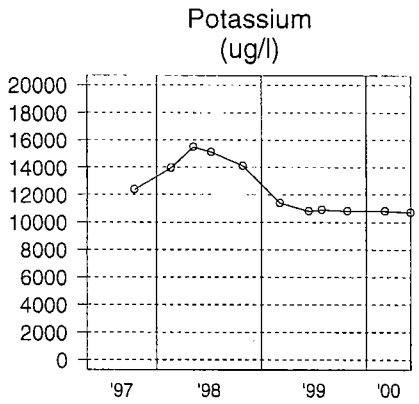

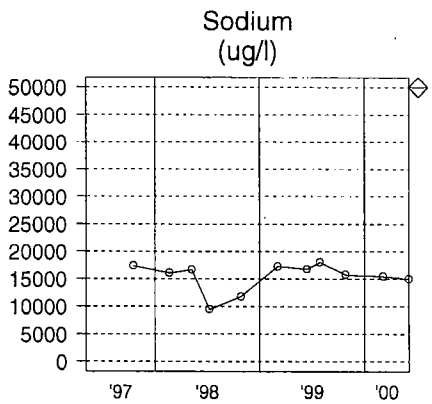

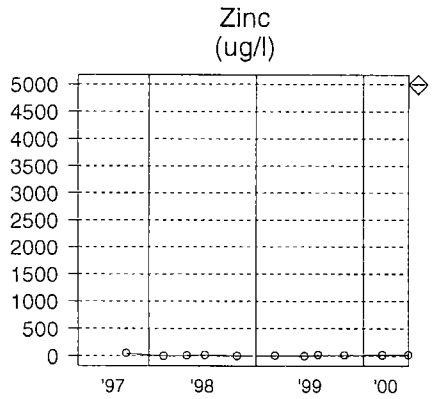

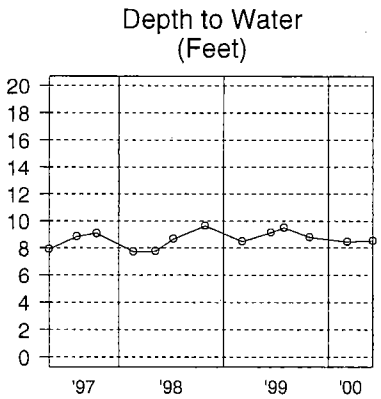

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	Lab	Chloro benzene	Benzene	1,4-Di chloro benzene	Di-n-butyl phthalate	4,4'-DDD	Aluminum	Iron	Manganese	Lead	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	1	75	900	0.1	200	300	50	10	-
05/01/1997	FMETL	ND	5.35	ND	60	ND	70	10500	320	ND	V,S,P,M
08/07/1997	FMETL	2.65	ND	ND	ND	ND	61	31020	565	1.4	V,S,P,M
10/16/1997	FMETL	4.41	ND	ND	ND	ND	142	37600	623	8.0	V,S,P,M
02/17/1998	FMETL	ND	ND	ND	35.8	ND	113	10740	639	ND	V,S,P,M
05/05/1998	FMETL	ND	0.94	ND	ND	ND	49	6992	362	ND	V,S,P,M
07/07/1998	FMETL	2.65	3.10	ND	ND	0.005	92.2	20900	555	ND	V,S,P,M
10/27/1998	FMETL	5.34	ND	ND	ND	ND	166	26800	449	ND	V,S,P,M
03/01/1999	FMETL	1.93	ND	ND	ND	ND	182	35500	1010	4.01	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	ND	ND	15.9	23500	687	ND	V,S,P,M
07/27/1999	FMETL	4.59	ND	1.30	ND	ND	1480	43900	785	3.08	V,S,P,M
10/26/1999	FMETL	2.16	ND	ND	ND	ND	37.9	12900	711	ND	V,S,P,M
03/02/2000	FMETL	1.90	ND	ND	ND	ND	ND	20800	903	ND	V,S,P,M
06/01/2000	FMETL	2.05	1.44	ND	ND	ND	ND	22300	877	ND	V,S,P,M

SOURCE: 00M3MW06

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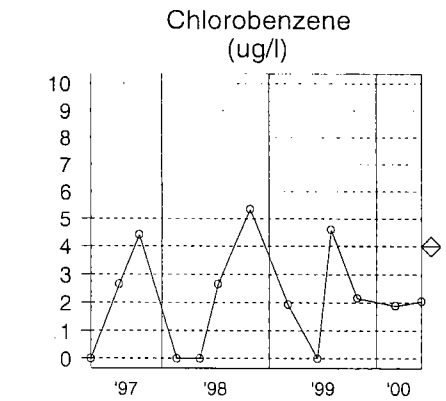

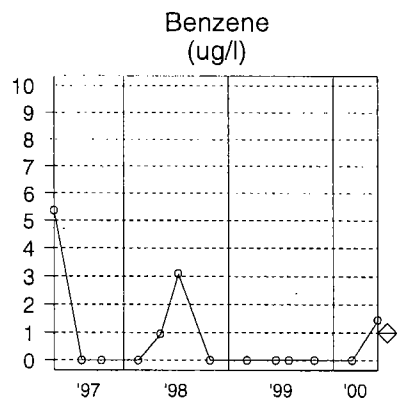

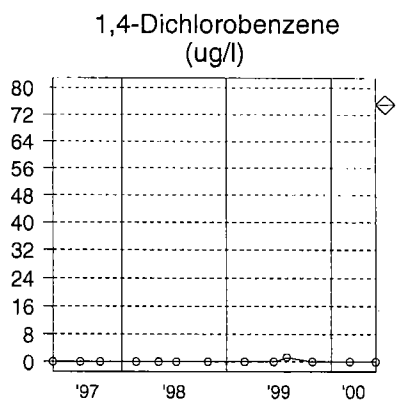

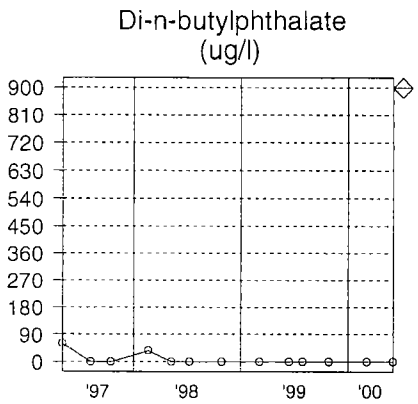

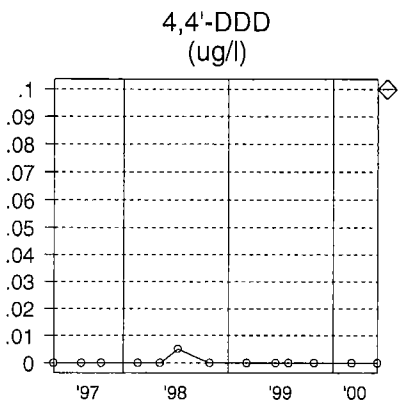

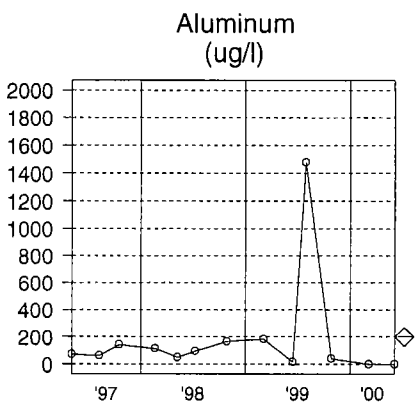

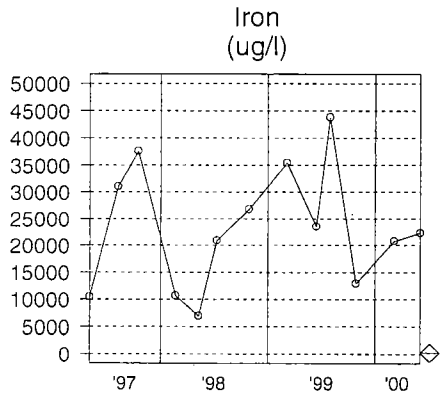

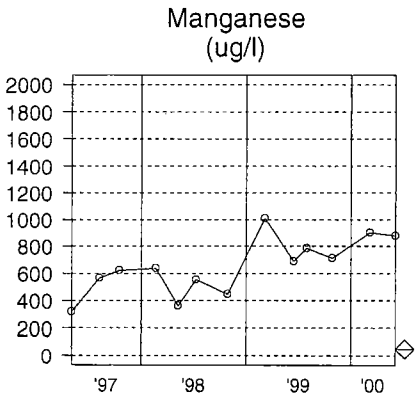

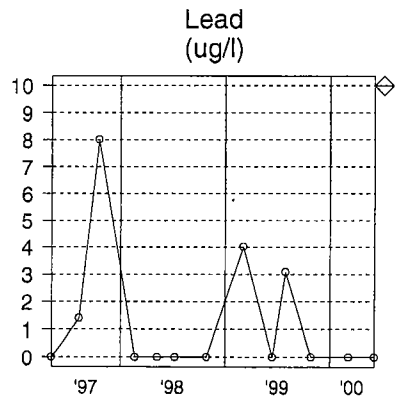

SOURCE: 00M3MW06

Sampling Dates:
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	Lab	Silver	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	20	20	2000	4	NLE	NLE	100	NLE	50000	-
05/01/1997	FMETL	14	-	-	-	-	-	-	-	-	V,S,P,M
08/07/1997	FMETL	ND	-	-	-	-	-	-	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	57.2	ND	69170	19300	2.3	8720	ND	V,S,P,M
02/17/1998	FMETL	ND	4	66	ND	94830	22740	18	10450	40910	V,S,P,M
05/05/1998	FMETL	ND	5.4	40	0.7	74040	16680	10	9163	25680	V,S,P,M
07/07/1998	FMETL	ND	2.9	73.6	ND	126000	29200	0.579	12600	15100	V,S,P,M
10/27/1998	FMETL	ND	5.31	29.7	ND	38600	12200	3.8	8430	18200	V,S,P,M
03/01/1999	FMETL	ND	4.8	149	0.63	159000	33300	18.9	10800	26200	V,S,P,M
06/11/1999	FMETL	ND	ND	114	1.87	119000	28300	3.55	10700	21500	V,S,P,M
07/27/1999	FMETL	ND	ND	76.2	1.84	63900	19000	6.40	9810	25600	V,S,P,M
10/26/1999	FMETL	ND	2.3	138	0.866	165000	34300	27.5	11900	37400	V,S,P,M
03/02/2000	FMETL	ND	ND	133	ND	184000	36700	10.4	10300	17600	V,S,P,M
06/01/2000	FMETL	ND	2.29	153	ND	173000	38300	11.8	10600	15200	V,S,P,M

SOURCE: 00M3MW06

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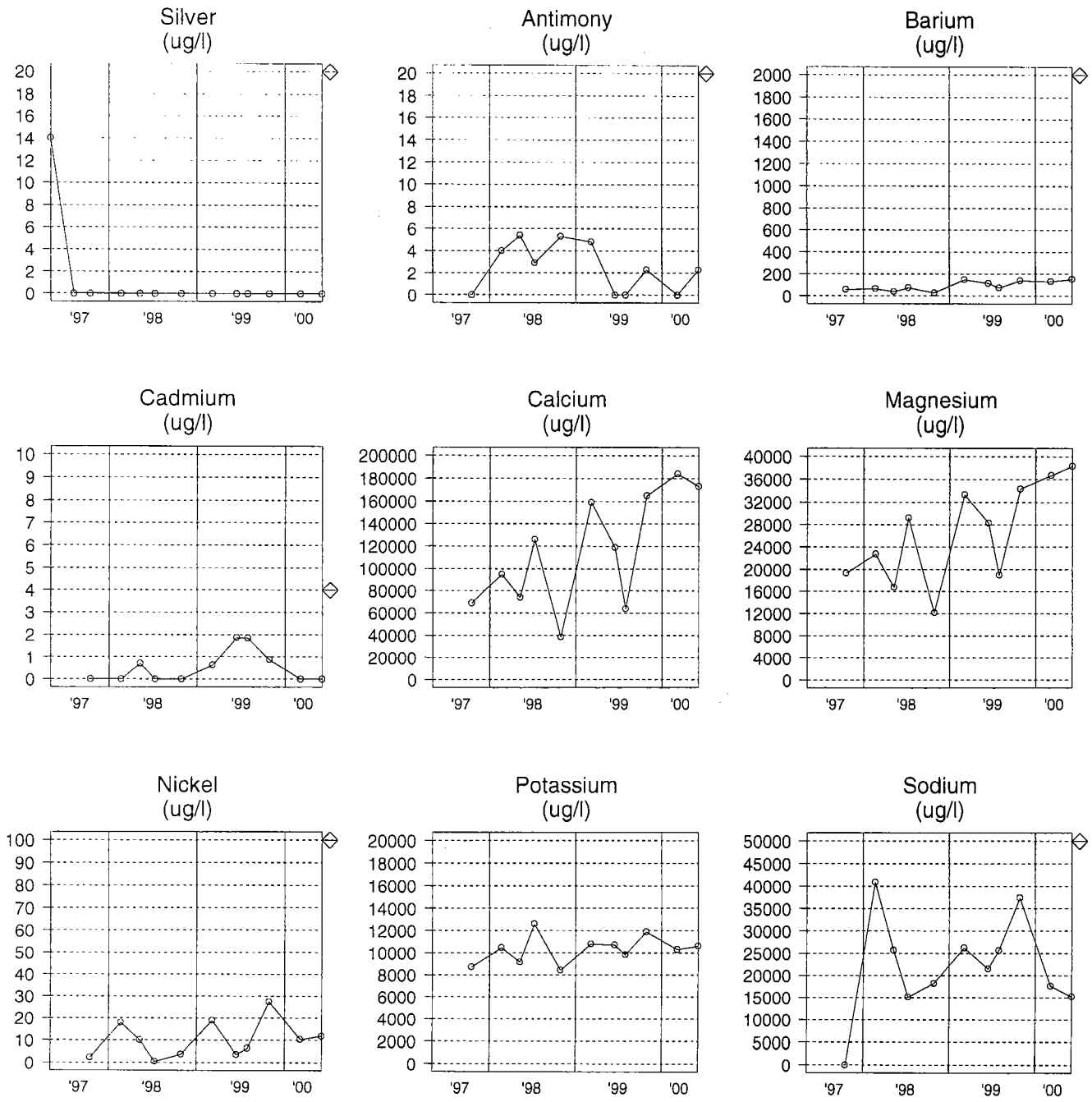

SOURCE: 00M3MW06

Sampling Dates:
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NJDEP Criteria

FORT MONMOUTH

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07-11-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Zinc	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	5000	-								-
05/01/1997	FMETL	-	8.00								V,S,P,M
08/07/1997	FMETL	-	9.05								V,S,P,M
10/16/1997	FMETL	68	9.30								V,S,P,M
02/17/1998	FMETL	302	7.85								V,S,P,M
05/05/1998	FMETL	150	7.90								V,S,P,M
07/07/1998	FMETL	40.5	8.60								V,S,P,M
10/27/1998	FMETL	80	9.61								V,S,P,M
03/01/1999	FMETL	467	8.78								V,S,P,M
06/11/1999	FMETL	44.9	9.05								V,S,P,M
07/27/1999	FMETL	164	9.57								V,S,P,M
10/26/1999	FMETL	416	8.07								V,S,P,M
03/02/2000	FMETL	177	8.30								V,S,P,M
06/01/2000	FMETL	55.4	8.44								V,S,P,M

SOURCE: 00M3MW06

Sampling Dates:
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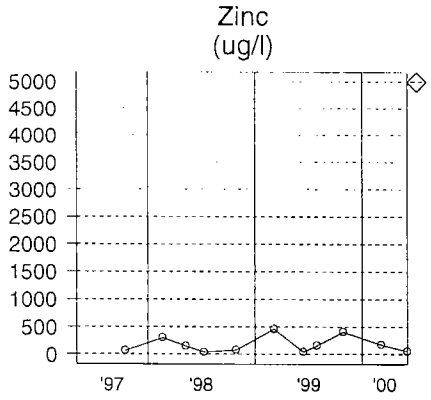

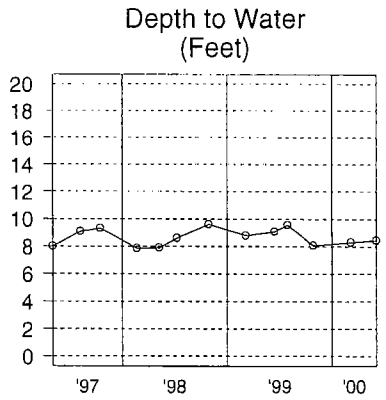

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Sampling Dates:
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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-14-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	2-Butanone	Vinyl chloride	csi-1,2-Dichloro ethene	bis(2-Ethyl hexyl) phthalate	Aluminum	Iron	Manganese	Lead	Antimony	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	300	5	10	30	200	300	50	10	20	-
10/07/1998	FMETL	399.25	ND	ND	ND	4810	41900	710	23	ND	V,S,P,M
10/23/1998	FMETL	ND	8.93	3.58	ND	1820	56700	1200	6.23	ND	V,S,P,M
03/01/1999	FMETL	ND	2.76	4.05	ND	2350	78400	1080	13.7	3.96	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	ND	2990	34500	823	8.33	ND	V,S,P,M
07/27/1999	FMETL	ND	4.22	2.61	ND	1480	36900	998	5.66	ND	V,S,P,M
10/26/1999	FMETL	ND	ND	ND	ND	2490	35100	1060	7.59	2.51	V,S,P,M
03/02/2000	FMETL	ND	ND	ND	2.22	3400	36600	817	8.94	ND	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	ND	362	17500	650	3.75	3.55	V,S,P,M

SOURCE: 00M3MW07

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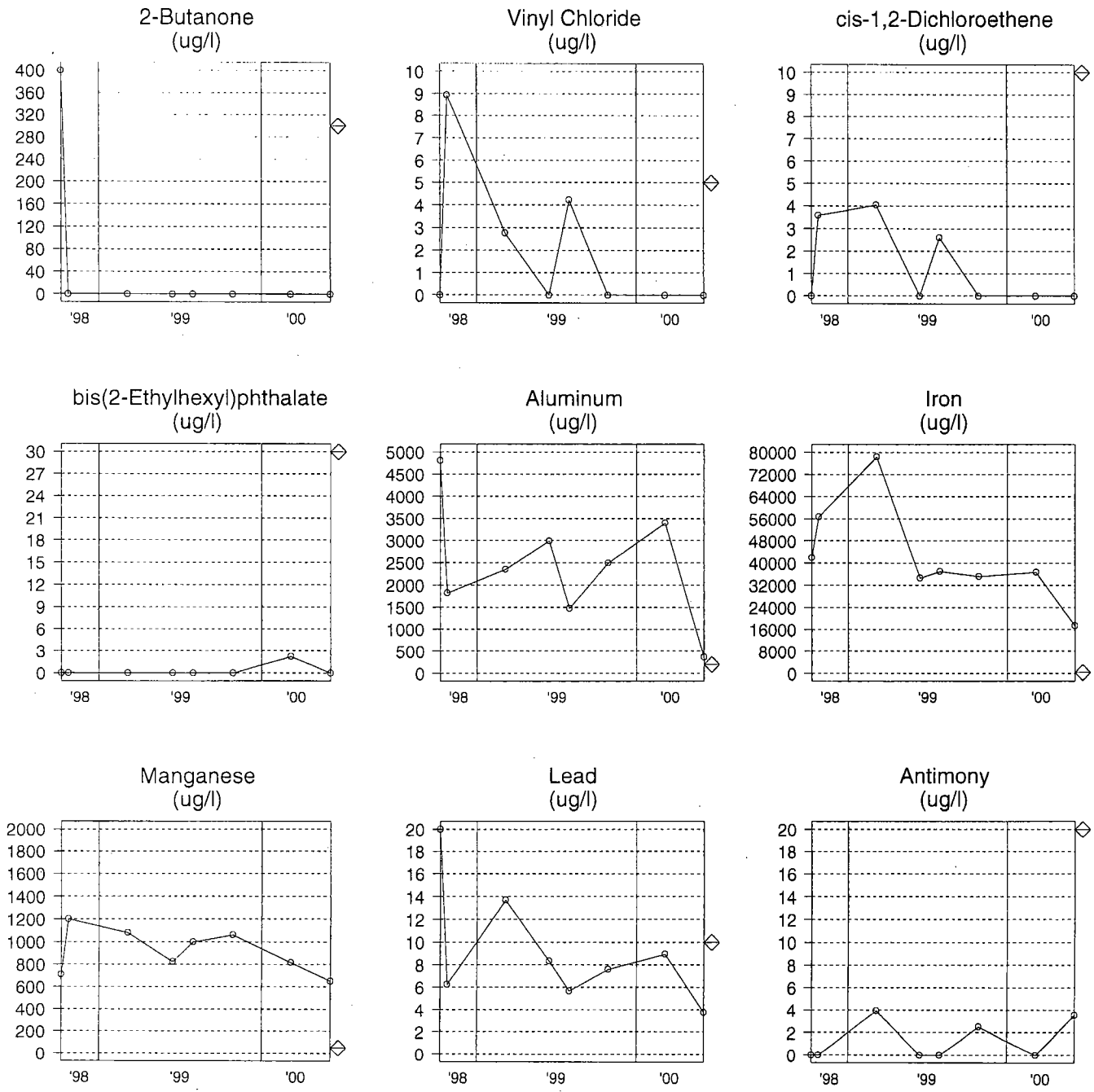

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Sampling Dates:
10/07/1998 - 06/01/2000

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NJDEP Criteria

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SELFM-PW-EV

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	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/07/1998	FMETL	126	ND	106000	91100	5.7	40900	579000	125	9.67	V,S,P,M
10/23/1998	FMETL	235	ND	204000	165000	1.32	64200	1300000	28.1	10.46	V,S,P,M
03/01/1999	FMETL	516	2	251000	113000	5.98	36400	858000	1090	8.72	V,S,P,M
06/11/1999	FMETL	372	4.25	252000	101000	2.36	33900	709000	571	9.47	V,S,P,M
07/27/1999	FMETL	492	4.99	292000	156000	4.74	48500	1050000	273	10.39	V,S,P,M
10/26/1999	FMETL	807	7.55	398000	261000	4.06	99900	1800000	723	10.35	V,S,P,M
03/02/2000	FMETL	580	2.58	271000	136000	8.92	57000	1070000	817	9.56	V,S,P,M
06/01/2000	FMETL	280	1.38	210000	90300	8.86	32200	630000	341	9.24	V,S,P,M

SOURCE: 00M3MW07

Sampling Dates:
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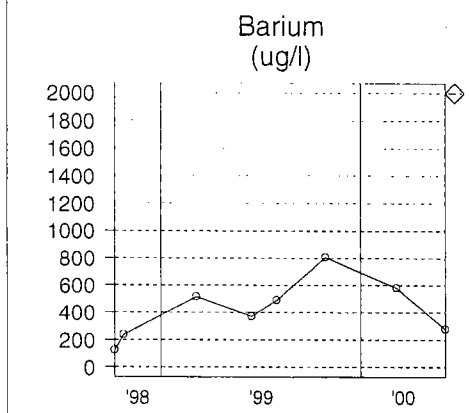

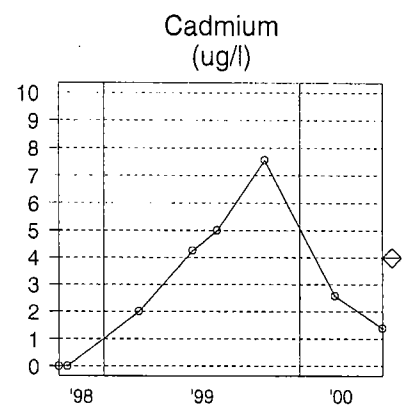

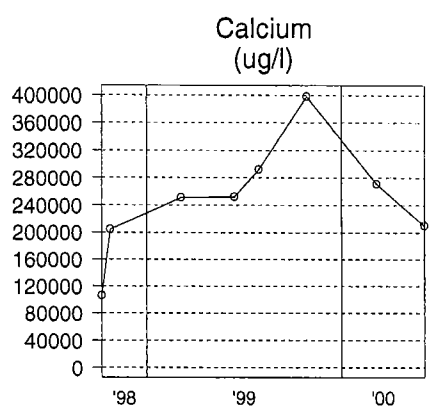

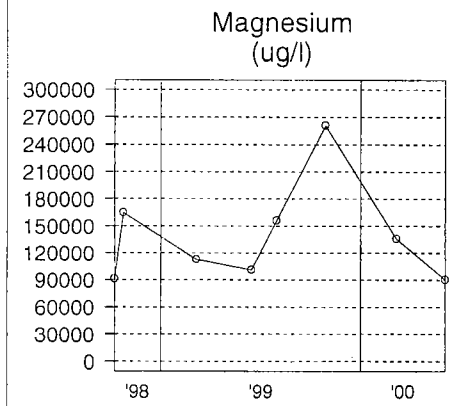

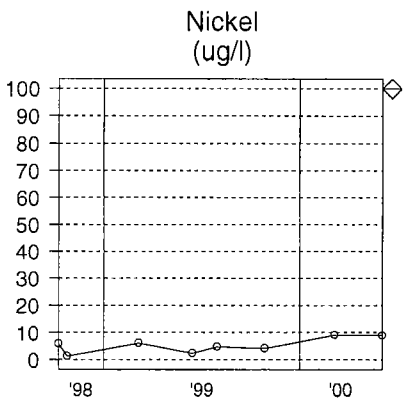

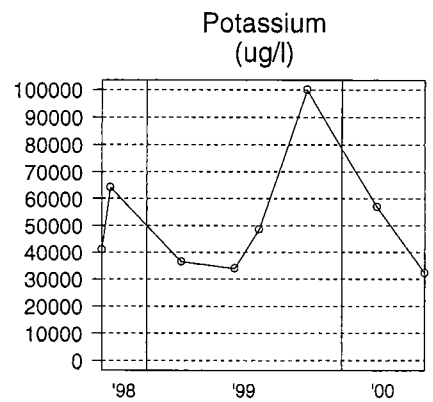

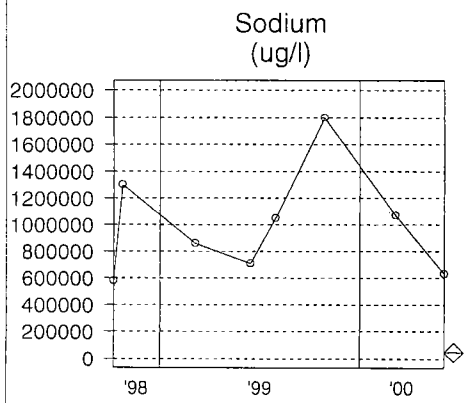

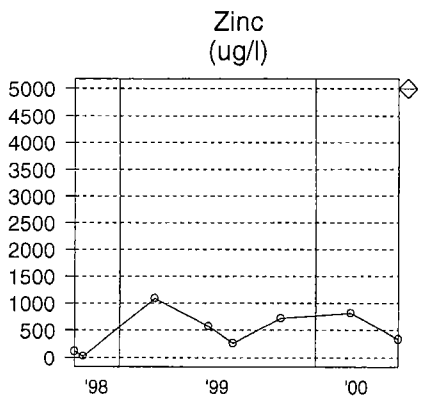

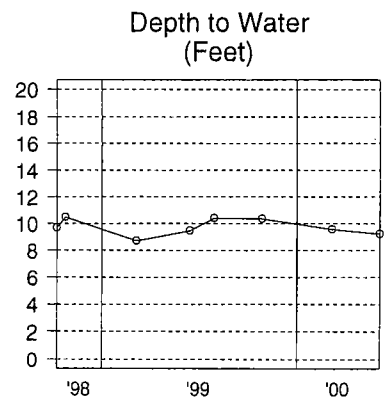

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	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	bis(2-Ethyl hexyl) phthalate	4,4'-DDE	4,4'-DDD	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	30	0.1	0.1	200	300	-
10/20/1998	FMETL	ND	1.01	6.34	ND	ND	ND	ND	235	55500	V,S,P,M
11/02/1998	FMETL	8.5	1.37	5.43	ND	ND	ND	ND	7030	88700	V,S,P,M
03/01/1999	FMETL	ND	1.55	ND	ND	ND	ND	ND	852	54700	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	1.22	ND	ND	0.021	747	36600	V,S,P,M
07/27/1999	FMETL	ND	1.59	2.45	1.02	ND	0.008	0.018	1530	44200	V,S,P,M
10/26/1999	FMETL	ND	1.66	ND	ND	ND	ND	ND	347	39400	V,S,P,M
03/02/2000	FMETL	ND	1.44	ND	ND	2.31	ND	ND	395	37100	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	119	41700	V,S,P,M

SOURCE: 00M3MW08

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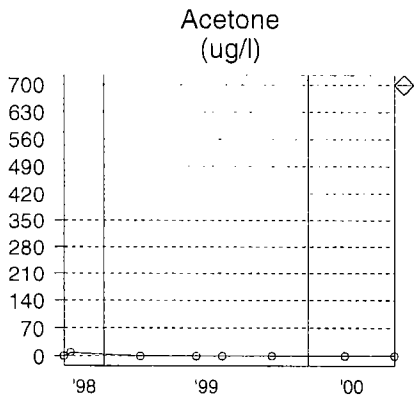

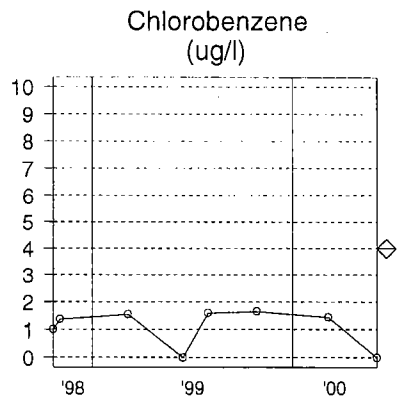

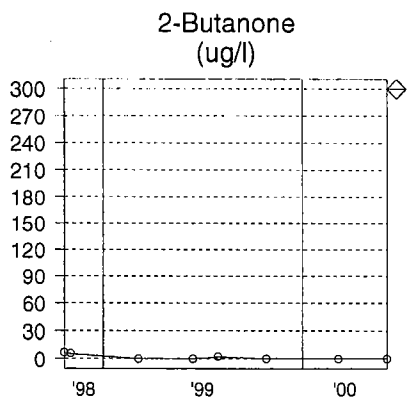

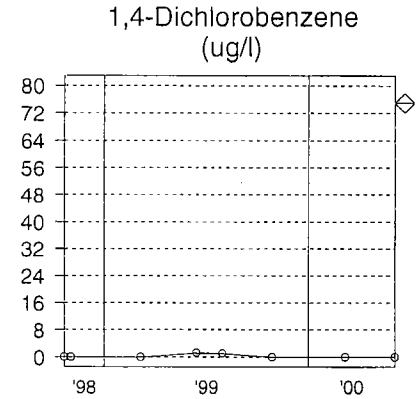

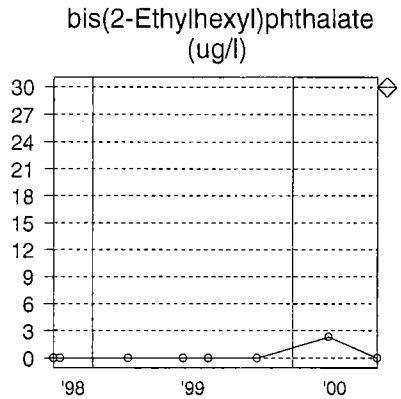

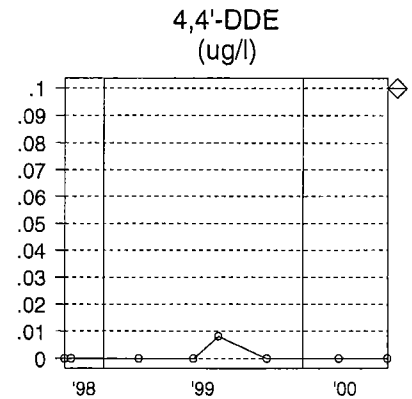

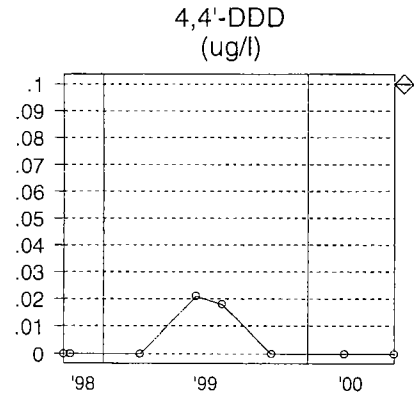

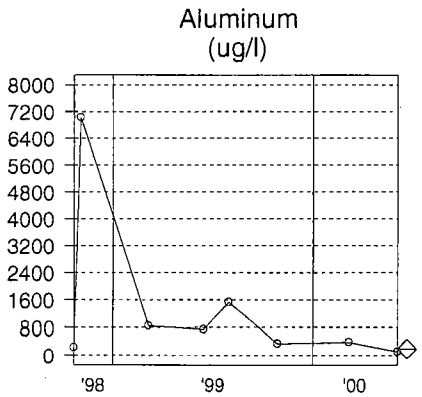

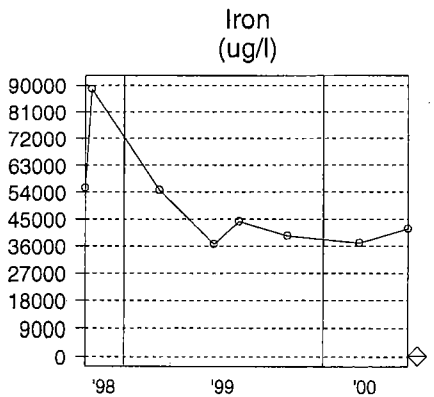

SOURCE: 00M3MW08

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	Lab	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	2000	4	NLE	NLE	100	NLE	-
10/20/1998	FMETL	1100	5.12	4.61	429	ND	132000	37600	8.49	25900	V,S,P,M
11/02/1998	FMETL	511	19.7	6.41	749	ND	115000	19000	6.98	24400	V,S,P,M
03/01/1999	FMETL	768	9.22	4.68	271	ND	105000	24700	2.98	8910	V,S,P,M
06/11/1999	FMETL	645	2.53	ND	249	1.28	88600	16900	ND	7740	V,S,P,M
07/27/1999	FMETL	855	4.49	ND	404	0.95	122000	29000	2.90	11500	V,S,P,M
10/26/1999	FMETL	1210	2.63	3.26	559	0.897	214000	81000	2.25	22400	V,S,P,M
03/02/2000	FMETL	527	ND	ND	274	ND	87400	27400	5.3	9300	V,S,P,M
06/01/2000	FMETL	575	5.57	ND	233	ND	81300	19300	11.1	6610	V,S,P,M

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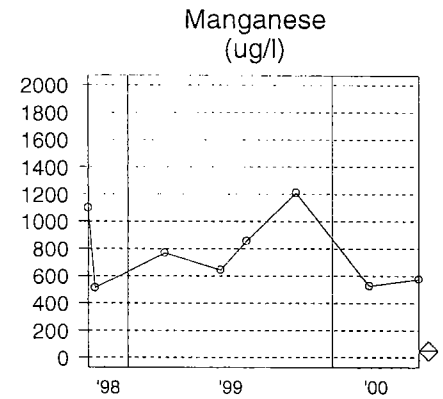

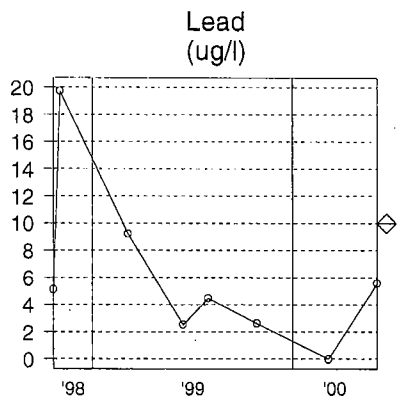

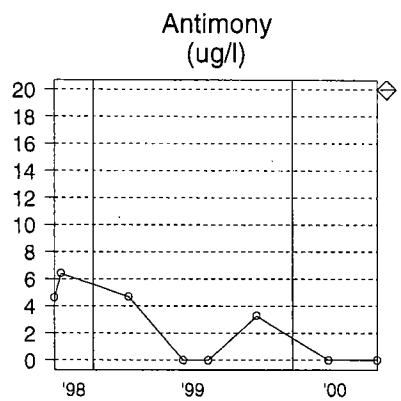

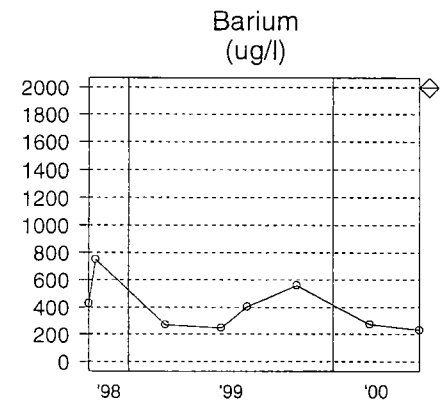

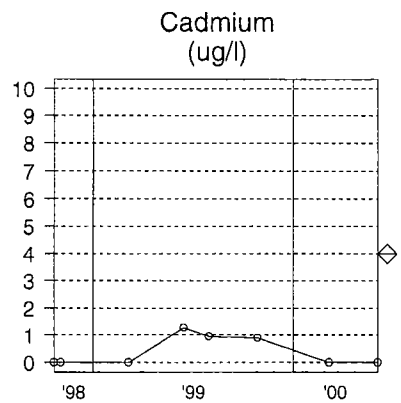

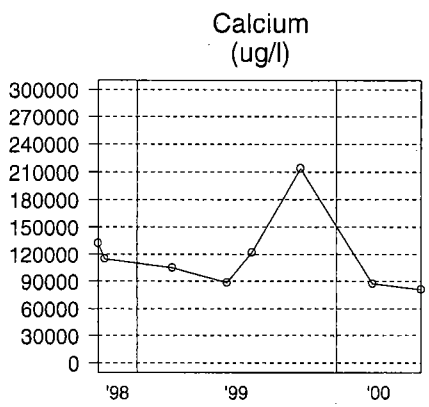

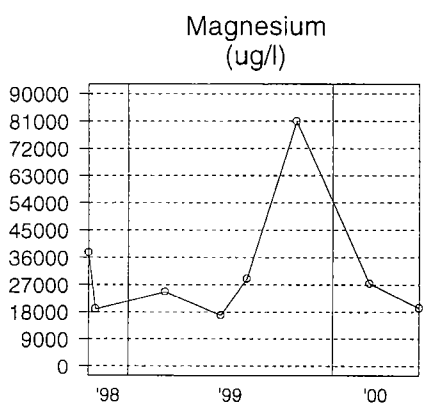

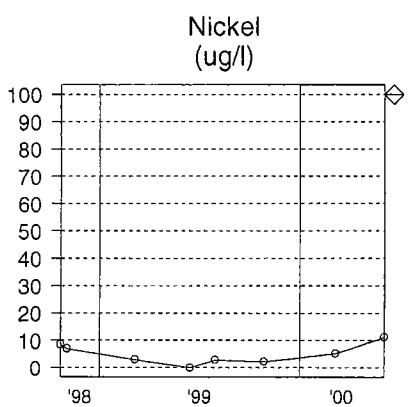

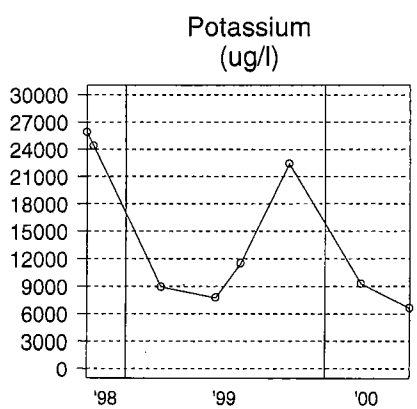

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	Lab	Sodium	Zinc	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	50000	5000	-							-
10/20/1998	FMETL	168000	220	7.16							V,S,P,M
11/02/1998	FMETL	12100	107	7.16							V,S,P,M
03/01/1999	FMETL	118000	143	5.71							V,S,P,M
06/11/1999	FMETL	60100	61.6	6.50							V,S,P,M
07/27/1999	FMETL	149000	91.8	6.93							V,S,P,M
10/26/1999	FMETL	593000	30.3	7.60							V,S,P,M
03/02/2000	FMETL	174000	54.7	6.23							V,S,P,M
06/01/2000	FMETL	69800	61.4	5.97							V,S,P,M

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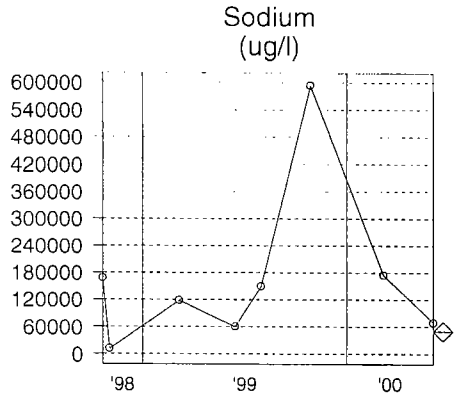

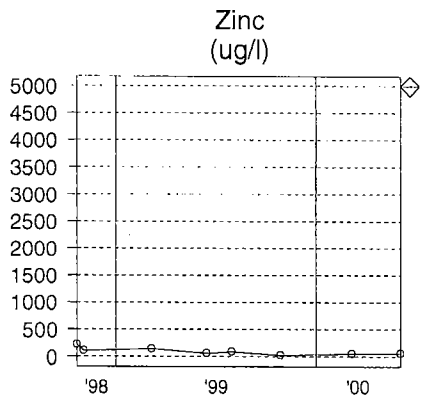

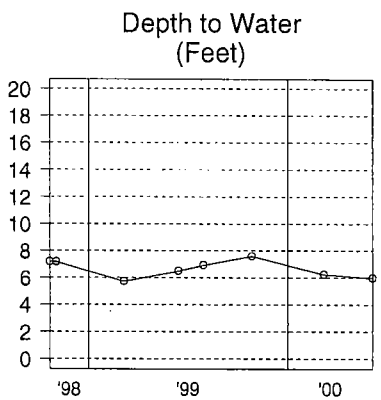

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	Lab	Acetone	Chloro benzene	2-Butanone	Benzene	1,4-Di chloro benzene	1,2-Di chloro benzene	bis(2-Ethyl hexyl) phthalate	4,4'-DDE	4,4'-DDT	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	1	75	600	30	0.1	0.1	-
10/07/1998	FMETL	4.66	16.36	6.53	1.18	2.73	1.07	ND	0.104	0.432	V,S,P,M
10/23/1998	FMETL	ND	17.33	ND	1.33	2.61	1.05	ND	0.02	0.038	V,S,P,M
03/01/1999	FMETL	ND	14.25	ND	ND	ND	ND	ND	0.026	0.023	V,S,P,M
06/11/1999	FMETL	ND	10.22	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
07/27/1999	FMETL	ND	11.69	ND	ND	2.00	ND	ND	ND	0.041	V,S,P,M
10/26/1999	FMETL	ND	17.37	ND	1.25	2.48	ND	ND	ND	ND	V,S,P,M
03/02/2000	FMETL	ND	15.64	ND	ND	2.27	ND	2.93	0.021	0.062	V,S,P,M
06/01/2000	FMETL	ND	15.39	ND	ND	2.51	ND	3.44	ND	ND	V,S,P,M

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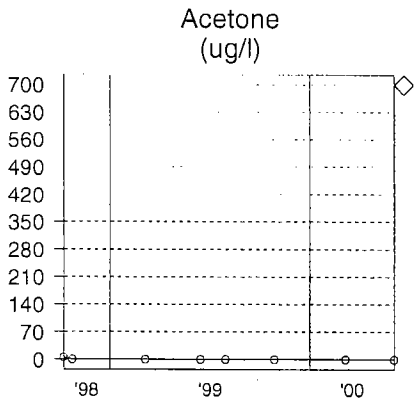

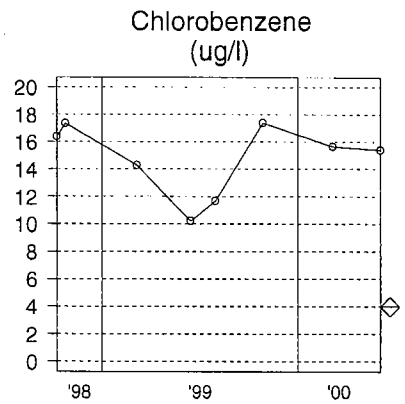

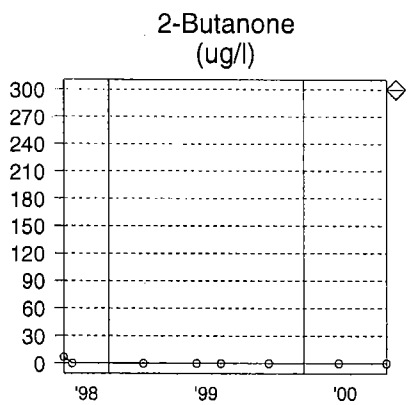

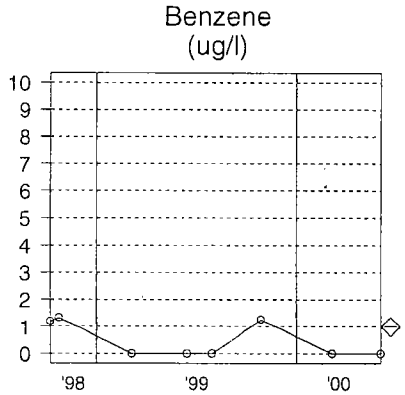

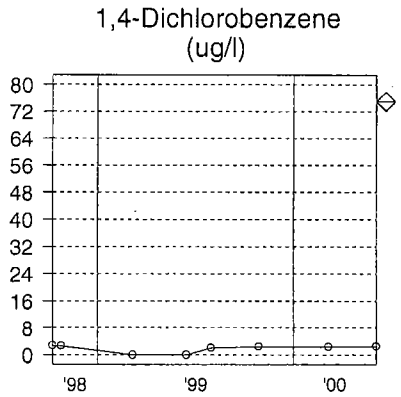

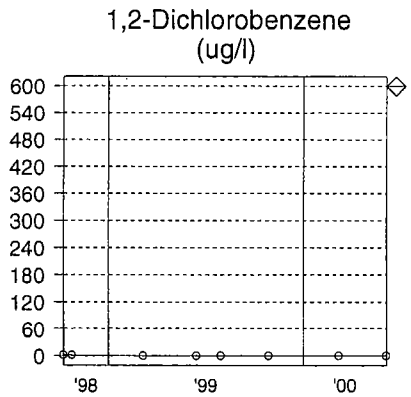

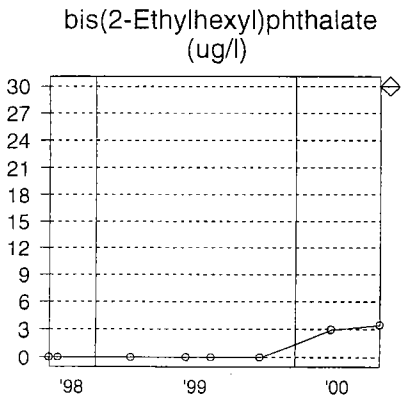

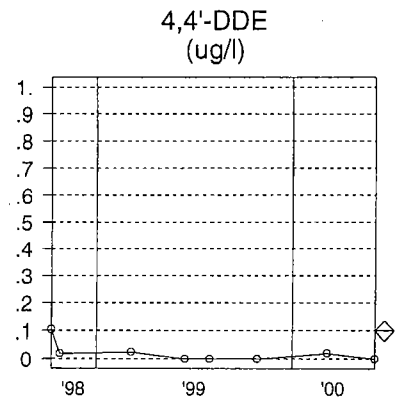

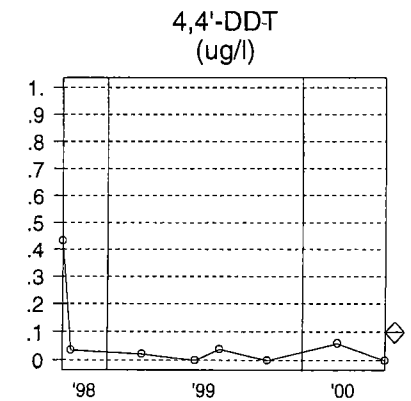

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	Lab	4,4'-DDD	Aluminum	Iron	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	0.1	200	300	50	10	20	2000	4	NLE	-
10/07/1998	FMETL	0.713	1040	17400	90.9	ND	ND	73	ND	31200	V,S,P,M
10/23/1998	FMETL	0.132	1380	73900	476	32.7	3.7	371	ND	62600	V,S,P,M
03/01/1999	FMETL	0.167	337	60400	1740	8.46	4.91	430	1.26	82400	V,S,P,M
06/11/1999	FMETL	0.057	741	64100	595	10.6	ND	332	1.85	65400	V,S,P,M
07/27/1999	FMETL	0.108	ND	31.1	2.12	ND	ND	ND	ND	244	V,S,P,M
10/26/1999	FMETL	ND	832	82100	534	9.02	ND	401	3.58	66700	V,S,P,M
03/02/2000	FMETL	0.134	603	69800	772	2.32	ND	412	ND	72700	V,S,P,M
06/01/2000	FMETL	ND	202	70600	758	4.60	ND	414	ND	73800	V,S,P,M

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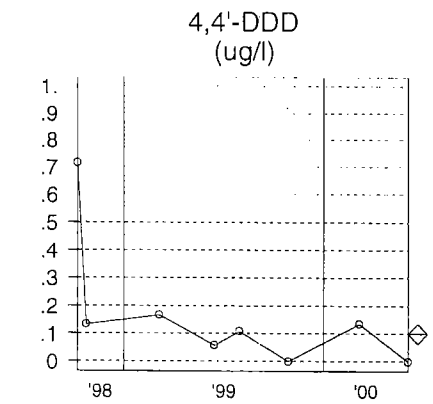

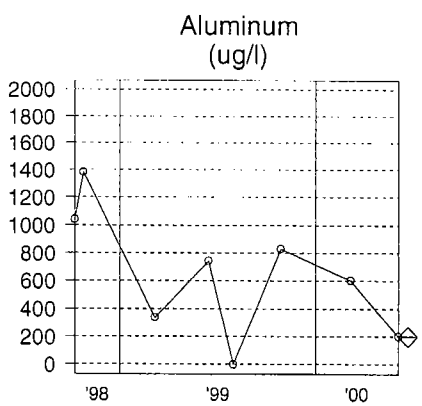

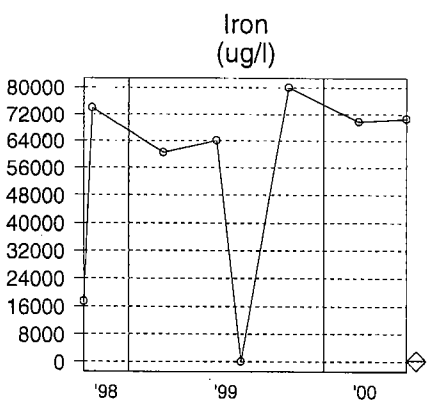

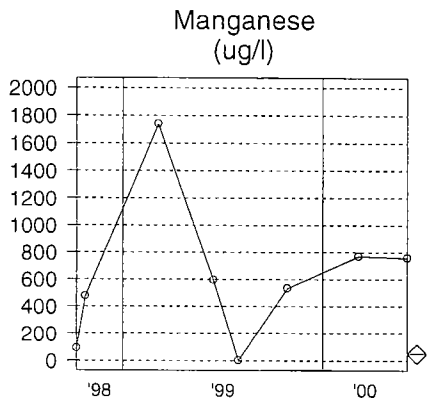

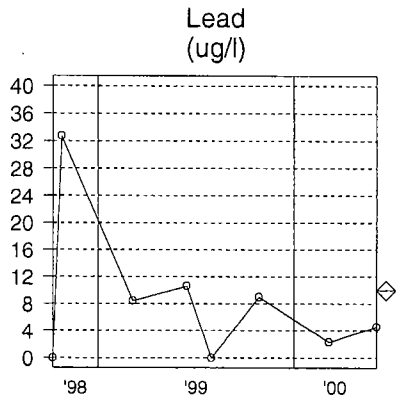

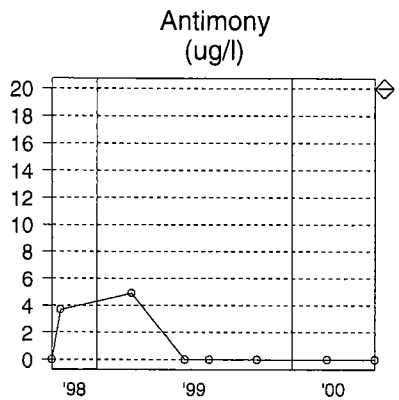

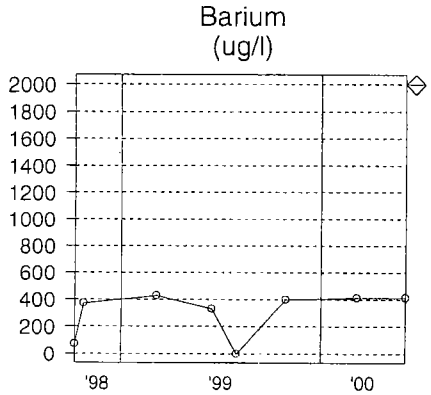

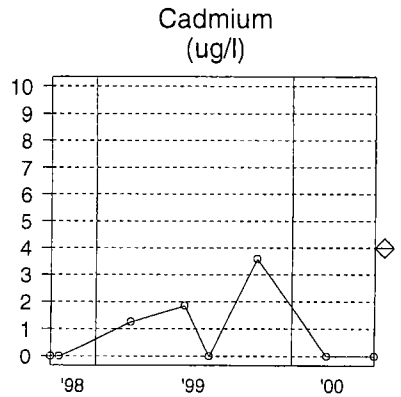

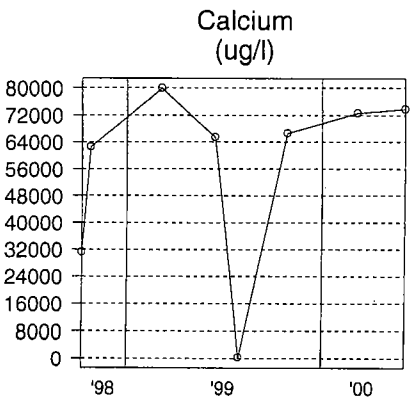

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	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/07/1998	FMETL	2520	ND	9390	2720	25	11.48				V,S,P,M
10/23/1998	FMETL	12900	3.14	13100	12100	60.6	11.74				V,S,P,M
03/01/1999	FMETL	19800	22.9	13600	46900	1150	10.75				V,S,P,M
06/11/1999	FMETL	13300	ND	9910	16300	109	11.37				V,S,P,M
07/27/1999	FMETL	54.5	1.15	292	575	7.07	11.52				V,S,P,M
10/26/1999	FMETL	14000	8.89	10900	27500	212	11.34				V,S,P,M
03/02/2000	FMETL	16100	1.17	9870	17300	84.6	11.23				V,S,P,M
06/01/2000	FMETL	15900	9.28	9480	23200	70.8	11.05				V,S,P,M

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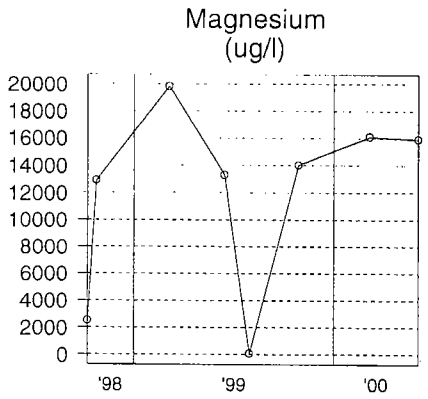

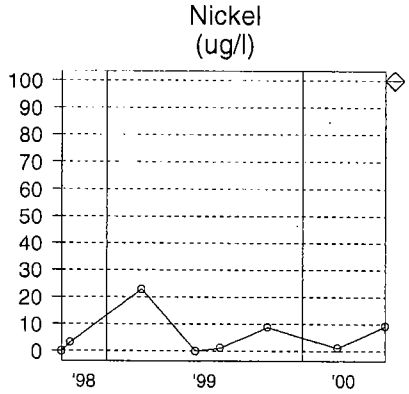

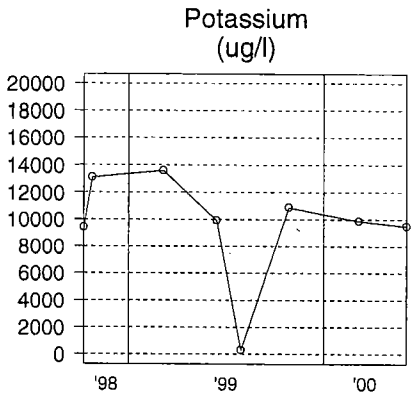

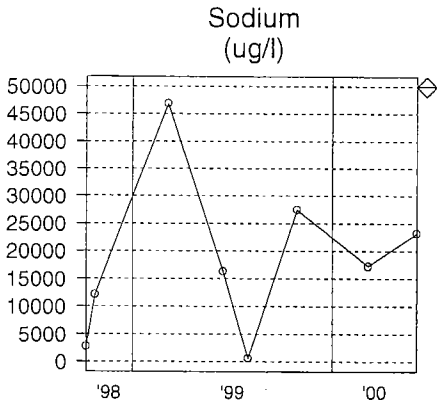

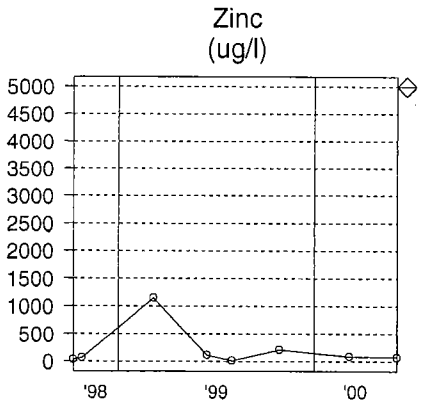

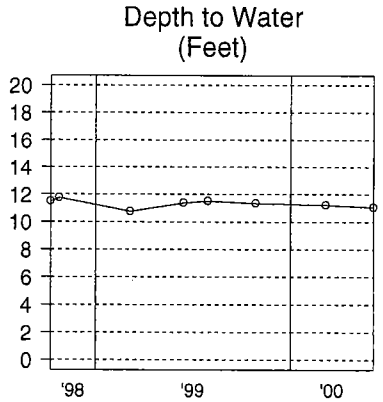

SOURCE: 00M3MW09

Sampling Dates:
10/07/1998 - 06/01/2000

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NJDEP Criteria

FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

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	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	Acenaph thene	Fluorene	bis(2-Ethyl hexyl) phthalate	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	400	300	30	200	300	-
10/20/1998	FMETL	7.87	17.07	5.16	1.78	ND	ND	ND	1960	57400	V,S,P,M
11/02/1998	FMETL	6.94	19.19	ND	2.05	ND	ND	ND	1570	61300	V,S,P,M
03/01/1999	FMETL	ND	20.08	ND	1.79	2.55	ND	ND	1540	103000	V,S,P,M
06/11/1999	FMETL	ND	16.27	14.14	ND	1.25	ND	ND	1180	66100	V,S,P,M
07/27/1999	FMETL	3.59	15.90	4.57	1.99	1.23	ND	ND	317	67700	V,S,P,M
10/26/1999	FMETL	ND	19.56	ND	2.13	1.78	1.33	ND	268	62300	V,S,P,M
03/02/2000	FMETL	ND	15.34	ND	1.89	1.18	1.04	2.06	2330	91200	V,S,P,M
06/01/2000	FMETL	ND	11.80	ND	1.45	1.40	1.02	2.15	187	62300	V,S,P,M

SOURCE: 00M3MW10

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FORT MONMOUTH
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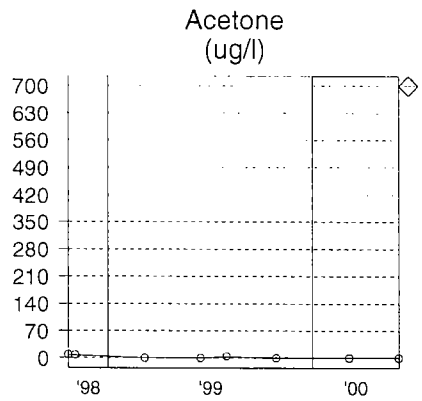

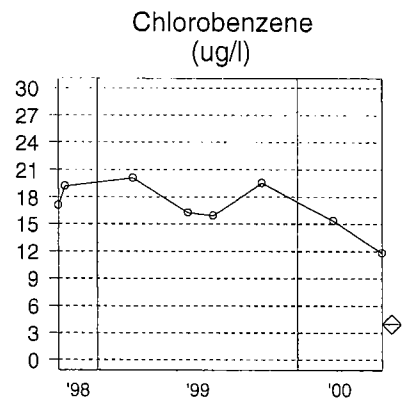

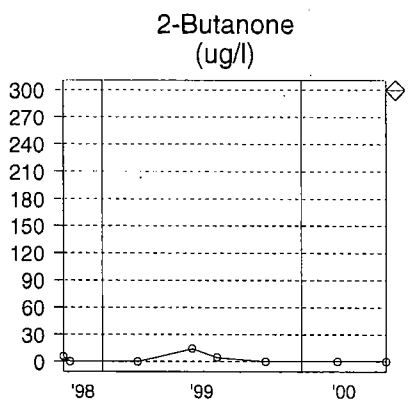

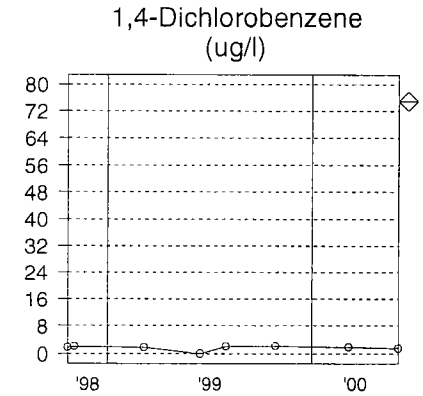

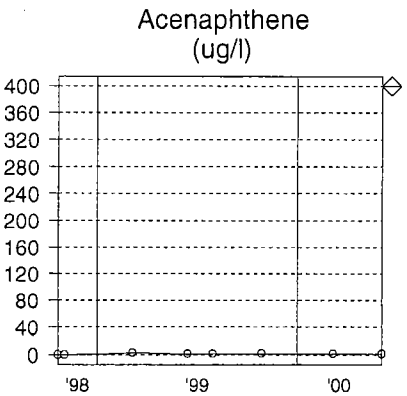

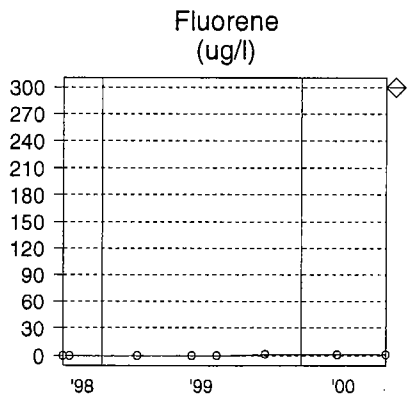

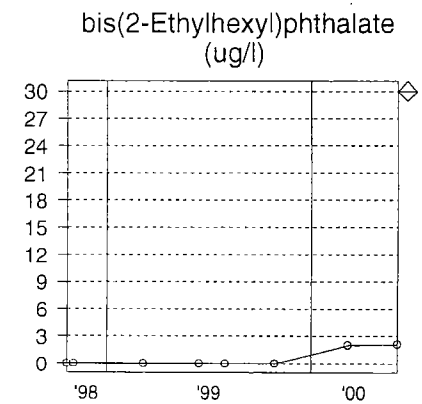

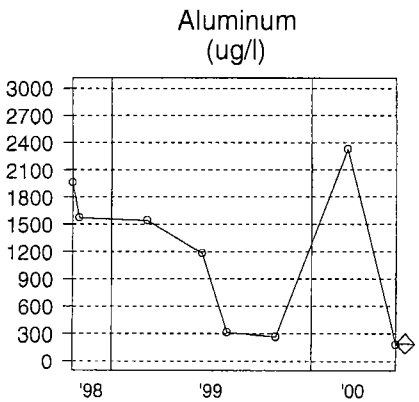

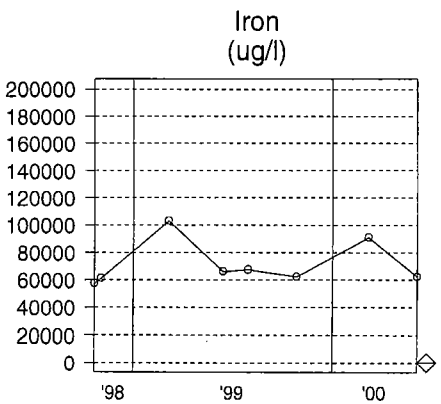

SOURCE: 00M3MW10

Sampling Dates:
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FORT MONMOUTH
SELFM-PW-EV

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	Lab	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	2000	4	NLE	NLE	100	NLE	-
10/20/1998	FMETL	405	9.95	ND	561	ND	91700	14100	1.59	15000	V,S,P,M
11/02/1998	FMETL	993	9.2	4.67	513	ND	139000	37100	4.62	20600	V,S,P,M
03/01/1999	FMETL	761	9.86	2.79	947	ND	119000	19700	28	13500	V,S,P,M
06/11/1999	FMETL	708	2.58	ND	592	ND	108000	17300	ND	12800	V,S,P,M
07/27/1999	FMETL	866	7.30	ND	345	1.58	66200	13900	5.49	11900	V,S,P,M
10/26/1999	FMETL	662	ND	ND	635	ND	110000	17900	ND	12500	V,S,P,M
03/02/2000	FMETL	682	ND	ND	760	ND	95500	16200	1.62	10400	V,S,P,M
06/01/2000	FMETL	735	ND	2.32	678	ND	109000	17300	11.6	10300	V,S,P,M

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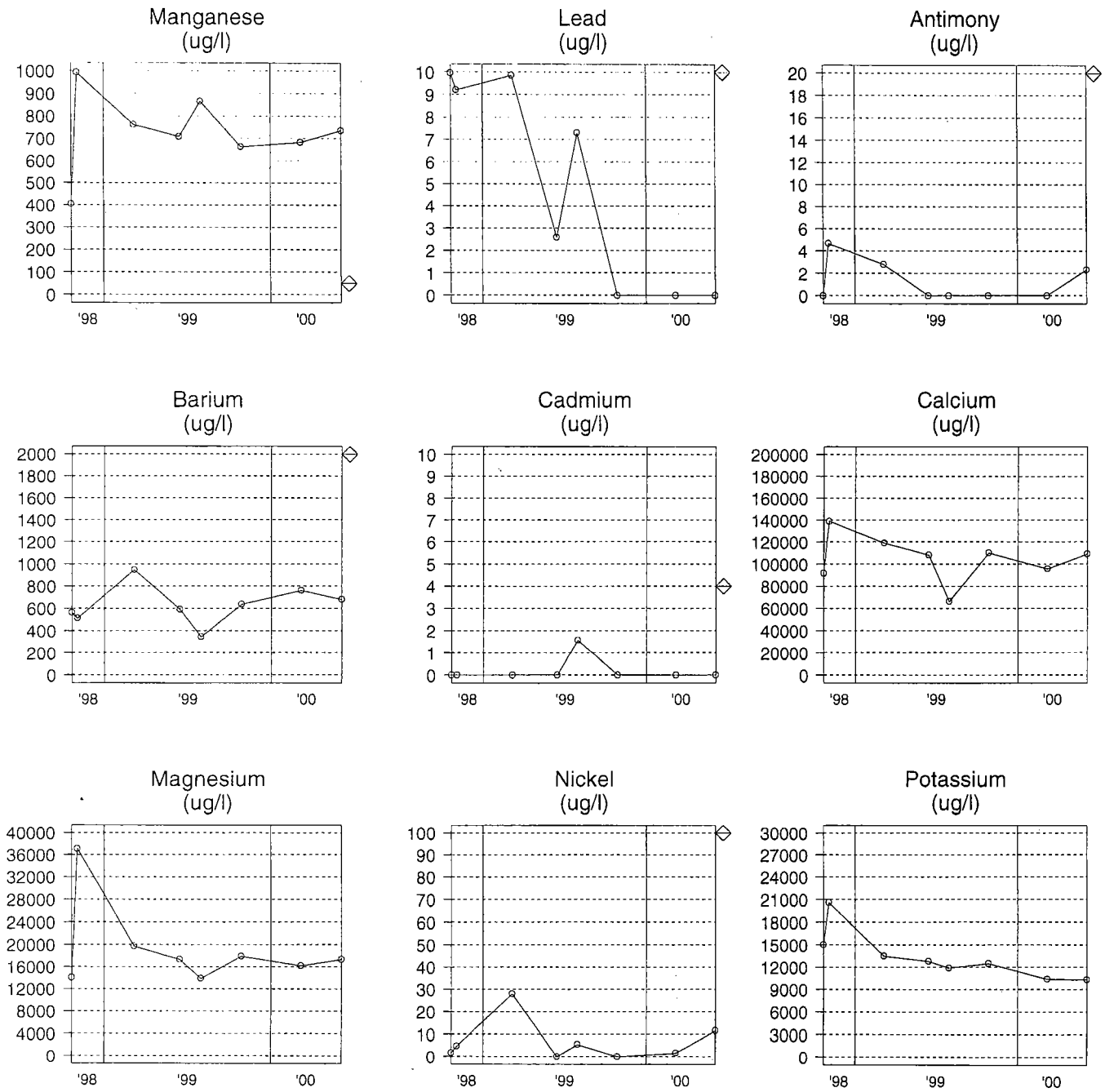

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Sampling Dates:
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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-14-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Sodium	Zinc	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	50000	5000	-							-
10/20/1998	FMETL	15500	35.2	6.11							V,S,P,M
11/02/1998	FMETL	154000	229	6.11							V,S,P,M
03/01/1999	FMETL	16500	144	5.03							V,S,P,M
06/11/1999	FMETL	17300	28.8	5.76							V,S,P,M
07/27/1999	FMETL	24900	91.5	6.08							V,S,P,M
10/26/1999	FMETL	25600	8.12	5.61							V,S,P,M
03/02/2000	FMETL	14400	83.8	5.30							V,S,P,M
06/01/2000	FMETL	14400	19.3	5.53							V,S,P,M

SOURCE: 00M3MW10

Sampling Dates:
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FORT MONMOUTH

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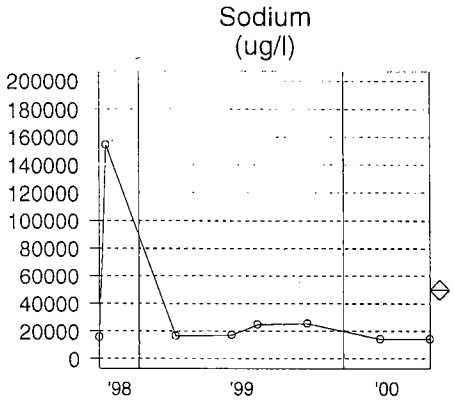

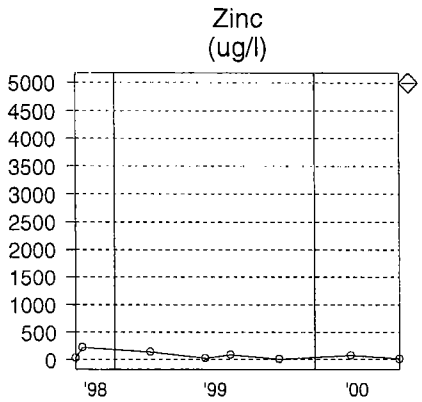

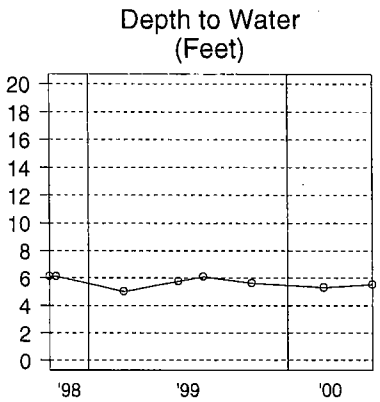

SOURCE: 00M3MW10

Sampling Dates:
10/20/1998 - 06/01/2000

LEGEND:

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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FORT MONMOUTH
SELFM-PW-EV

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	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	Acenaph thene	Fluorene	4,4'-DDE	4,4'-DDD	Aluminum	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	400	300	0.1	0.1	200	-
10/07/1998	FMETL	8.14	5.03	24.47	2.46	ND	ND	ND	0.04	3480	V,S,P,M
10/23/1998	FMETL	ND	5.56	4.23	2.6	ND	ND	ND	ND	500	V,S,P,M
03/02/1999	FMETL	ND	2.66	ND	ND	ND	ND	ND	ND	6840	V,S,P,M
06/11/1999	FMETL	ND	5.44	ND	1.57	1.14	1.18	ND	0.079	7620	V,S,P,M
07/27/1999	FMETL	ND	5.60	ND	2.99	1.21	1.19	0.012	0.044	7580	V,S,P,M
10/26/1999	FMETL	ND	6.28	ND	3.44	1.84	1.84	ND	ND	2750	V,S,P,M
03/02/2000	FMETL	ND	3.26	ND	1.40	ND	ND	ND	ND	1330	V,S,P,M
06/01/2000	FMETL	ND	3.56	ND	1.58	1.16	1.01	ND	ND	2160	V,S,P,M
06/01/2000D	FMETL	ND	3.50	ND	ND	1.32	1.14	ND	ND	1370	V,S,P,M

SOURCE: 00M3MW11

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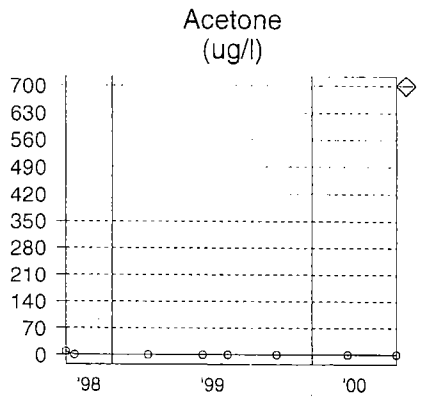

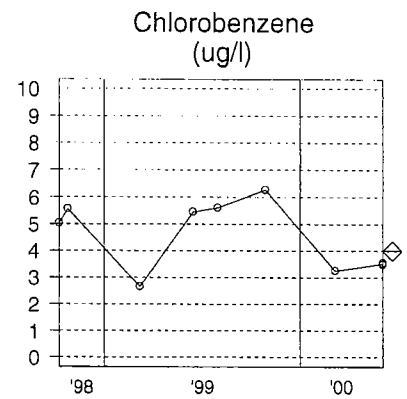

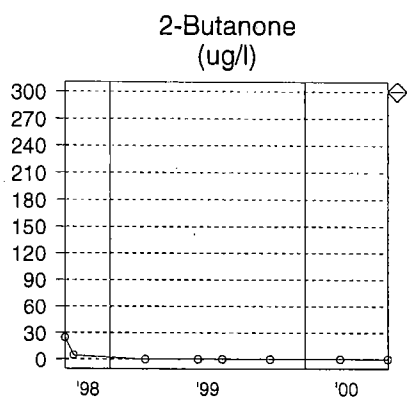

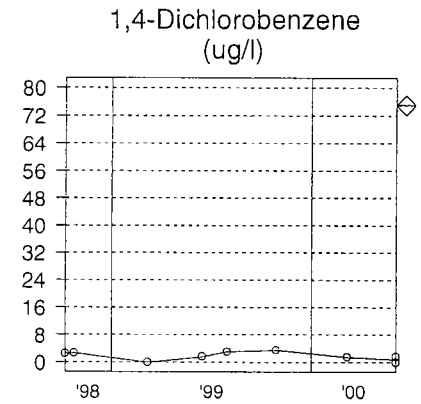

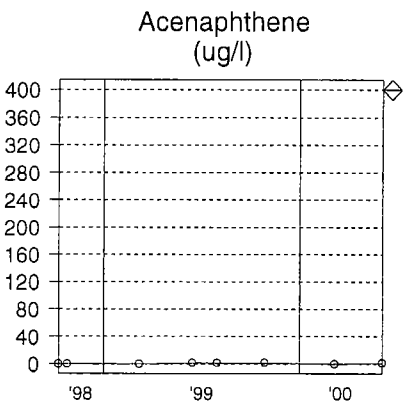

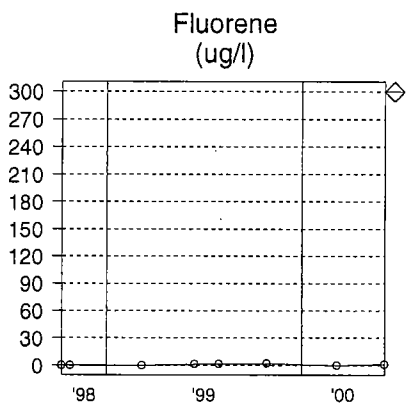

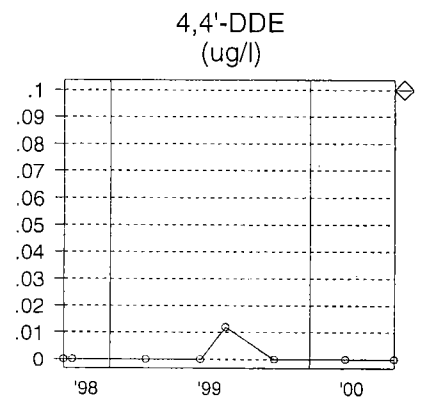

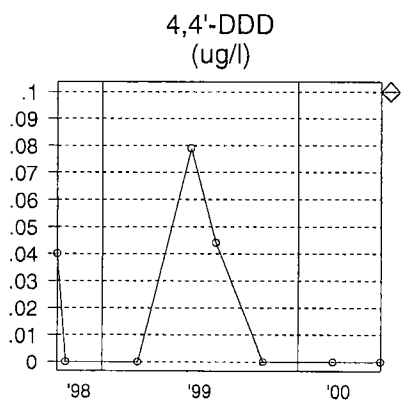

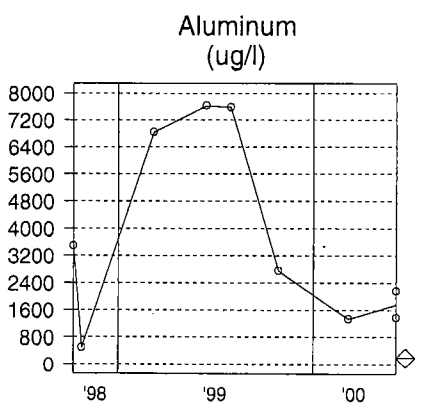

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Sampling Dates:
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FORT MONMOUTH

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SELFM-PW-EV

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	Lab	Iron	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Magnesium	Nickel	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	300	50	10	20	20	2000	4	NLE	100	-
10/07/1998	FMETL	62200	588	11	ND	ND	393	1.2	10300	29	V,S,P,M
10/23/1998	FMETL	49900	549	3.83	ND	2.52	341	ND	9020	6.2	V,S,P,M
03/02/1999	FMETL	73200	1780	11.2	ND	4.45	279	12.3	14500	263	V,S,P,M
06/11/1999	FMETL	82400	956	15.2	ND	ND	529	47.3	10200	79.8	V,S,P,M
07/27/1999	FMETL	77800	897	22.3	ND	ND	472	14.6	11400	157	V,S,P,M
10/26/1999	FMETL	65800	822	7.95	ND	ND	468	7.61	9970	24.2	V,S,P,M
03/02/2000	FMETL	47300	1020	ND	1.74	ND	287	15	13000	359	V,S,P,M
06/01/2000	FMETL	64800	1010	17.8	ND	2.68	436	19.1	11300	104	V,S,P,M
06/01/2000D	FMETL	59300	1020	6.21	ND	2.69	408	11.7	11300	87.8	V,S,P,M

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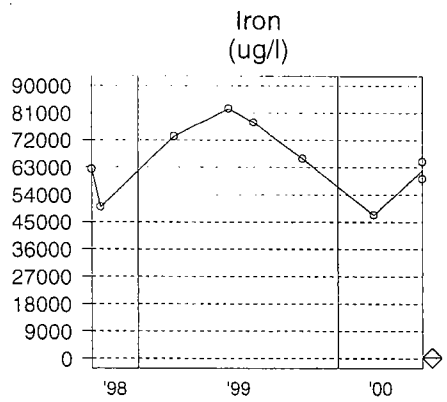

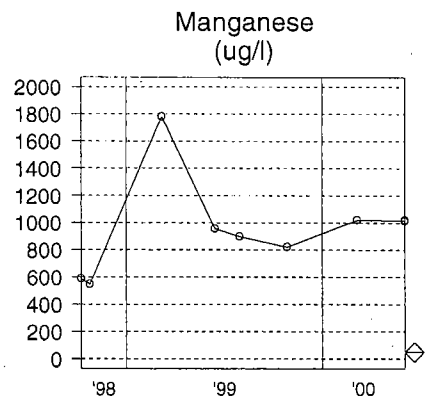

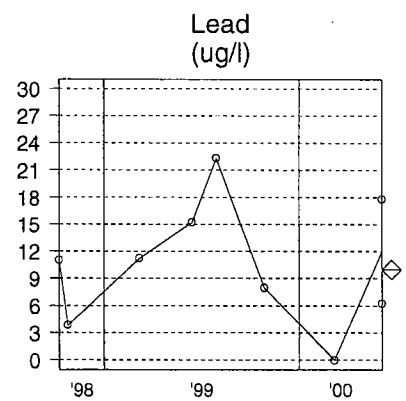

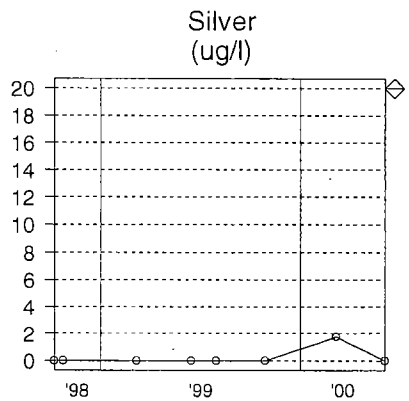

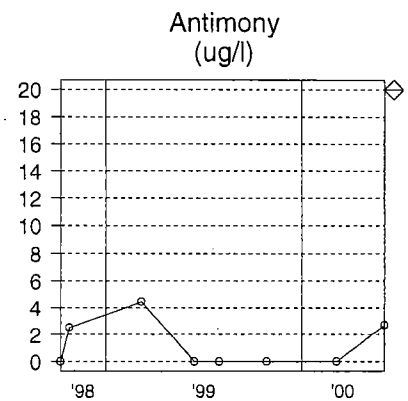

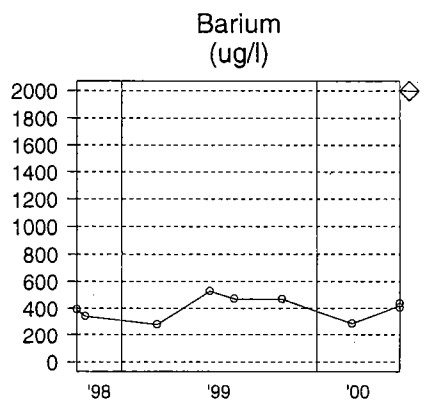

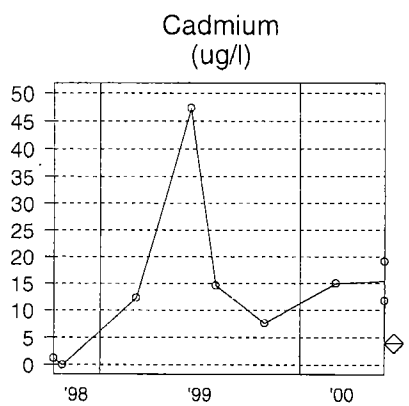

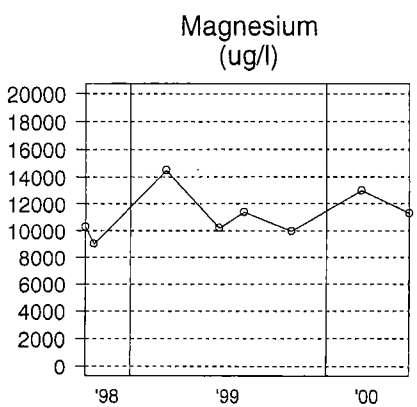

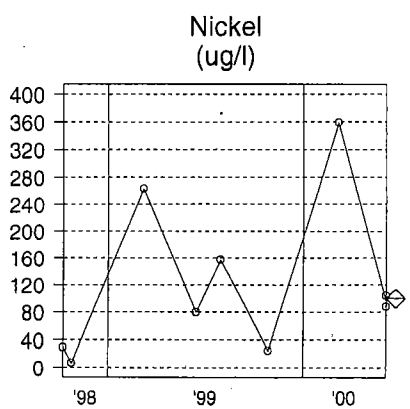

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FORT MONMOUTH
SELFM-PW-EV

07-14-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Potassium	Sodium	Zinc	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	NLE	50000	5000	-						-
10/07/1998	FMETL	12100	13600	435	8.56						V,S,P,M
10/23/1998	FMETL	8620	7180	98.2	8.63						V,S,P,M
03/02/1999	FMETL	8110	14800	3350	7.65						V,S,P,M
06/11/1999	FMETL	8430	10700	1850	8.27						V,S,P,M
07/27/1999	FMETL	9960	10900	2320	8.55						V,S,P,M
10/26/1999	FMETL	8450	11100	330	8.03						V,S,P,M
03/02/2000	FMETL	7320	13200	6050	7.72						V,S,P,M
06/01/2000	FMETL	6780	10200	1550	7.93						V,S,P,M
06/01/2000D	FMETL	6600	10600	1140	7.93						V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 06/01/2000

NOTES:

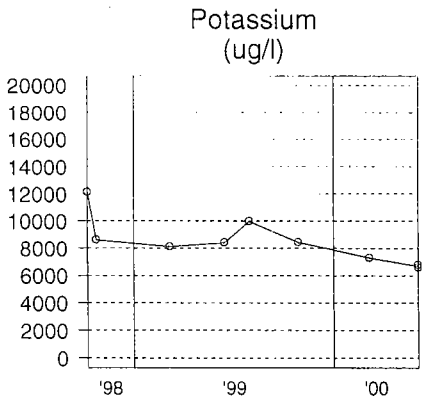
Page 3 of 3

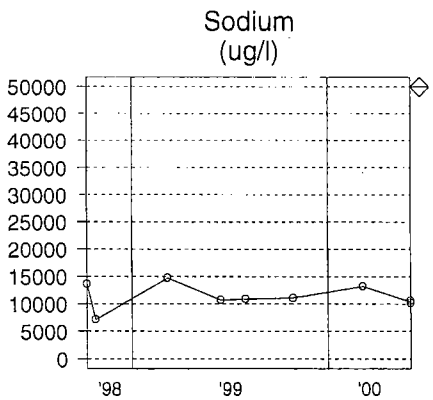
FORT MONMOUTH

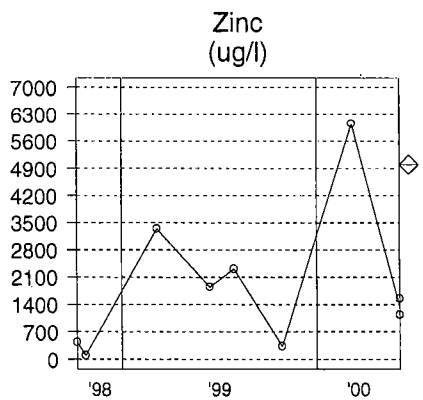
GW MONITORING
M-3

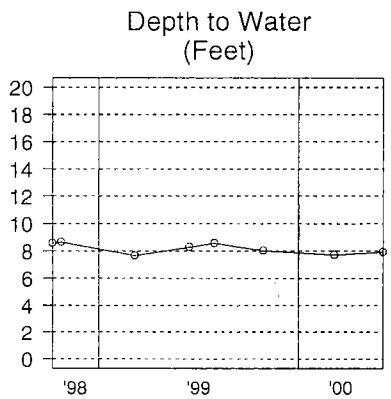
Well 8 of 8

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV









SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 06/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Well 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-14-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-3

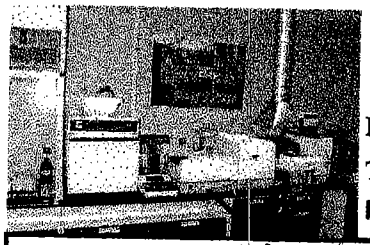
LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5664.04	00M3MW04	29-32568	08/28/00
5664.05	00M3MW05	29-32569	08/28/00
5664.06	00M3MW06	29-32570	08/28/00
5664.07	00M3MW07	29-39173	08/28/00
5664.08	00M3MW08	29-39174	08/28/00
5664.09	00M3MW09	29-39175	08/28/00
5664.10	00M3MW10	29-39176	08/28/00
5664.11	00M3MW11	29-39145	08/28/00

NJDEP Laboratory Certification # 13461

9-22-00
Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M3 wells 3rd Qtr '00

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters: VOC +15 | TAL MTLS | Pest/PCB | BNA +25 | | | | HNO3 Read

Comments: HCL/HNO3/4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOC +15	TAL MTLS	Pest/PCB	BNA +25				HNO3 Read	Remarks / Preservation Method
52664.01	Trip	8/28/00	0745	AQ	2	✓							—	
.02	Field Blank		1000		5	✓	✓	✓	✓				—	
.03	Dupe		—		5	✓	✓	✓	✓				—	
.04	M3MW04 *		1102		5	✓	✓	✓	✓				0.0	29-32568
.05	M3MW05		1048			✓	✓	✓	✓				0.0	29-32569
.06	M3MW06		1039			✓	✓	✓	✓				0.0	29-32570
.07	M3MW07		0958			✓	✓	✓	✓				0.0	29-39173
.08	M3MW08		1201			✓	✓	✓	✓				0.0	29-39174
.09	M3MW09		1232			✓	✓	✓	✓				0.0	29-39175
.10	M3MW10		1315			✓	✓	✓	✓				0.0	29-39176
.11	M3MW11		1355			✓	✓	✓	✓				0.0	29-39145

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	8/28/00 1430	J. Wright			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H

print legibly

Coc.xls8/16/00

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW#: 00M3MW04
NJDEP ID #: 29-32568
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/28/00
WEATHER: Sunny, hot.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 19.02 ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 11.89 ft
DEPTH OF WELL: 25.11 ft
DEPTH TO TOP OF SCREEN: 8.00 ft
HEIGHT OF WATER: 13.22 ft
(13.22) X .65 X 3 =25.77
GALLONS OF H2O TO BE PURGED: 26 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:08
pH 5.17 su — TEMP 17.2 °C
DISSOLVED O2 5.82 ppm — SPECIFIC CONDUCTIVITY 327 us/cm

PURGE END TIME: 11:01
pH 5.12 su — TEMP 16.3 °C
DISSOLVED O2 3.08 ppm — SPECIFIC CONDUCTIVITY 331 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 13.21 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 26 gal

SAMPLE START TIME: 11:02
pH 5.13 su — TEMP 16.2 °C
DISSOLVED O2 3.07 ppm — SPECIFIC CONDUCTIVITY 332 us/cm

SAMPLE END TIME: 11:09

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW#: 00M3MW05
NJDEP ID #: 29-32569
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/28/00
WEATHER: Sunny, hot.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 13.30 ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 8.31 ft
DEPTH OF WELL: 18.14 ft
DEPTH TO TOP OF SCREEN: 6.00 ft
HEIGHT OF WATER: 9.83 ft
(9.83) X .65 X 3 =19.16
GALLONS OF H2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:15
pH 6.61 su — TEMP 19.2 °C
DISSOLVED O2 5.91 ppm — SPECIFIC CONDUCTIVITY 497 us/cm

PURGE END TIME: 10:37
pH 6.57 su — TEMP 18.1 °C
DISSOLVED O2 3.13 ppm — SPECIFIC CONDUCTIVITY 495 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 8.74 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 10:48
pH 6.57 su — TEMP 18.0 °C
DISSOLVED O2 3.11 ppm — SPECIFIC CONDUCTIVITY 494 us/cm

SAMPLE END TIME: 10:57

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW#: 00M3MW06
NJDEP ID #: 29-32570
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/28/00
WEATHER: Sunny, hot.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 12.42 ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 8.24 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 8.93 ft
(8.93) X .65 X 3 =17.41
GALLONS OF H2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:24
pH 6.42 su
DISSOLVED O2 6.17 ppm
TEMP 19.9 °C
SPECIFIC CONDUCTIVITY 527 us/cm

PURGE END TIME: 10:38
pH 6.38 su
DISSOLVED O2 3.89 ppm
TEMP 19.0 °C
SPECIFIC CONDUCTIVITY 333 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 11:10 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 10:39
pH 6.37 su
DISSOLVED O2 3.87 ppm
TEMP 18.9 °C
SPECIFIC CONDUCTIVITY 533 us/cm

SAMPLE END TIME: 10:47

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW# 00M3MW07
NJDEP ID #: 29-39173
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/28/00
WEATHER: Sunny, hot.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 10.71 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 9.17 ft
DEPTH OF WELL: 18.48 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 9.31 ft
(9.31) X .163 X 3 =4.55
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:35
pH 6.80 su
DISSOLVED O2 5.81 ppm
TEMP 18.2 °C
SPECIFIC CONDUCTIVITY 154.7 us/cm

PURGE END TIME: 09:57
pH 6.77 su
DISSOLVED O2 4.27 ppm
TEMP 17.2 °C
SPECIFIC CONDUCTIVITY 153.6 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 14.21 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 09:58
pH 6.76 su
DISSOLVED O2 4.23 ppm
TEMP 17.2 °C
SPECIFIC CONDUCTIVITY 153.5 us/cm

SAMPLE END TIME: 10:04

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW# 00M3MW08
NJDEP ID #: 29-39174
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/28/00
WEATHER: Sunny, hot.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 9.24 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 5.65 ft
DEPTH OF WELL: 15.23 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 9.58 ft
(9.58) X .163 X 3 =4.68
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:38
pH 6.52 su
TEMP 18.2 °C
DISSOLVED O2 5.79 ppm
SPECIFIC CONDUCTIVITY 449 us/cm

PURGE END TIME: 12:00
pH 6.41 su
TEMP 17.7 °C
DISSOLVED O2 3.05 ppm
SPECIFIC CONDUCTIVITY 445 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 6.15 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 12:01
pH 6.40 su
TEMP 17.8 °C
DISSOLVED O2 3.03 ppm
SPECIFIC CONDUCTIVITY 445 us/cm

SAMPLE END TIME: 12:10

COMMENTS: Slightly cloudy.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW# 00M3MW09
NJDEP ID #: 29-39175
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/28/00
WEATHER: Sunny, hot.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 8.84 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 10.73 ft
DEPTH OF WELL: 16.95 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 6.22 ft
(6.22) X .163 X 3 =3.04
GALLONS OF H2O TO BE PURGED: 3 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:18
pH 6.47 su
TEMP 19.3 °C
DISSOLVED O2 5.85 ppm
SPECIFIC CONDUCTIVITY 381 us/cm

PURGE END TIME: 12:31
pH 6.40 su
TEMP 18.1 °C
DISSOLVED O2 3.12 ppm
SPECIFIC CONDUCTIVITY 385 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 11.09 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 3 gal

SAMPLE START TIME: 12:32
pH 6.39 su
TEMP 18.0 °C
DISSOLVED O2 3.10 ppm
SPECIFIC CONDUCTIVITY 385 us/cm

SAMPLE END TIME: 12:39

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW# 00M3MW10
NJDEP ID #: 29-39176
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/28/00
WEATHER: Sunny, hot.
TIDE: High-outgoing.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 9.71 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 5.31 ft
DEPTH OF WELL: 16.05 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 10.74 ft
(10.74) X .163 X 3 =5.25
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:52
pH 6.43 su
DISSOLVED O2 5.88 ppm
TEMP 18.8 °C
SPECIFIC CONDUCTIVITY 371 us/cm

PURGE END TIME: 13:14
pH 6.36 su
DISSOLVED O2 3.14 ppm
TEMP 17.8 °C
SPECIFIC CONDUCTIVITY 399 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 5.99 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 13:15
pH 6.36 su
DISSOLVED O2 3.10 ppm
TEMP 17.9 °C
SPECIFIC CONDUCTIVITY 400 us/cm

SAMPLE END TIME: 13:20

COMMENTS: Became very cloudy while bailing.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW# 00M3MW11
NJDEP ID #: 29-39145
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/28/00
WEATHER: Sunny, hot.
TIDE: High-outgoing

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 12.08 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 8.73 ft
DEPTH OF WELL: 16.50 ft
DEPTH TO TOP OF SCREEN: 2.00 ft
HEIGHT OF WATER: 7.77 ft
(7.77) X .163 X 3 =3.79
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:37
pH 6.79 su
DISSOLVED O2 5.79 ppm
TEMP 18.3 °C
SPECIFIC CONDUCTIVITY 397 us/cm

PURGE END TIME: 13:54
pH 6.73 su
DISSOLVED O2 3.03 ppm
TEMP 17.5 °C
SPECIFIC CONDUCTIVITY 400 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 9.78 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 13:55
pH 6.71 su
DISSOLVED O2 3.02 ppm
TEMP 17.6 °C
SPECIFIC CONDUCTIVITY 401 us/cm

SAMPLE END TIME: 14:02

COMMENTS:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	: Method Detection Limit
J	: Compound Identified Below Detection Limit
B	: Compound is in Both Sample and Blank
D	: Results are from a Dilution of the Sample
U	: Compound Searched for but not Detected
E	: Compound Exceeds Calibration Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003671.D**	Sample Name	**Vblk104**
Operator	**Skelton**	Field ID	**Vblk104**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Vblk104

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk104

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003671.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003678.D**	Sample Name	**5664.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.63	475818	10.96 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.53	788330	3.33 ug/L	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003678.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003679.D**	Sample Name	**5664.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.65	273427	6.11 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.55	695415	2.85 ug/L	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003679.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003680.D**	Sample Name	**5664.03**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003680.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003681.D**	Sample Name	**5664.04**
Operator	**Skelton**	Field ID	**00M3MW04**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW04

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003681.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003682.D**	Sample Name	**5664.05**
Operator	**Skelton**	Field ID	**00M3MW05**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.38	1936335	5.72 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

9/21/00 3:09 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW05

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003682.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003683.D**	Sample Name	**5664.06**
Operator	**Skelton**	Field ID	**00M3MW06**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.38	1068302	3.18 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW06

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003683.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC003684.D	Sample Name	5664.07
Operator	Skelton	Field ID	00M3MW07
Date Aquired	7-Sep-00	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene	16.11	335056	1.80 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW07

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003684.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: not dec. Date Analyzed: 9/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003685.D**	Sample Name	**5664.08**
Operator	**Skelton**	Field ID	**00M3MW08**
Date Aquired	**7-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.38	646158	1.85 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW08

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003685.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: not dec. Date Analyzed: 9/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC003686.D	Sample Name	5664.09
Operator	Skelton	Field ID	00M3MW09
Date Aquired	7-Sep-00	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.38	7196963	20.54 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	337054	1.87 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW09

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003686.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: not dec. Date Analyzed: 9/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC003687.D	Sample Name	5664.10
Operator	Skelton	Field ID	00M3MW10
Date Aquired	7-Sep-00	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.38	6377679	18.05 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	293989	1.62 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW10

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003687.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: not dec. Date Analyzed: 9/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC003688.D	Sample Name	5664.11
Operator	Skelton	Field ID	00M3MW11
Date Aquired	7-Sep-00	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.38	1173887	3.27 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.13	216228	1.17 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M3MW11

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003688.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: not dec. Date Analyzed: 9/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04455.D**	Sample Name	**Sblk416**
Operator	**Bhaskar**	Misc Info	**Sblk416 A 000830**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04455.D**	Sample Name	**Sblk416**
Operator	**Bhaskar**	Misc Info	**Sblk416 A 000830**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Sblk416**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Sblk416

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04455.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: decanted: (Y/N) N Date Extracted: 8/30/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/31/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.84	7	J
2. 003687-45-4	9-Octadecenoic acid (Z)-, 9-octad	32.80	32	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04465.D**	Sample Name	**5664.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

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Data File Name	**BNA04465.D**	Sample Name	**5664.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04465.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: decanted: (Y/N) N Date Extracted: 8/30/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/31/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.84	7	J
2. 004727-18-8	Cyclopentadecanone, 2-hydroxy-	27.57	6	JN
3. 003687-45-4	9-Octadecenoic acid (Z)-, 9-octad	32.83	46	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04466.D**	Sample Name	**5664.03**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

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Data File Name	**BNA04466.D**	Sample Name	**5664.03**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04466.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: decanted: (Y/N) N Date Extracted: 8/30/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/31/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.84	5	J
2. 000105-60-2	Caprolactam	14.15	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04467.D**	Sample Name	**5664.04**
Operator	**Bhaskar**	Misc Info	**M3MW04**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04467.D**	Sample Name	**5664.04**
Operator	**Bhaskar**	Misc Info	**M3MW04**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04467.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: decanted: (Y/N) N Date Extracted: 8/30/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/31/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.83	9	J
2. 000105-60-2	Caprolactam	14.15	8	JN
3. 003687-45-4	9-Octadecenoic acid (Z)-, 9-octad	32.81	35	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04468.D**	Sample Name	**5664.05**
Operator	**Bhaskar**	Misc Info	**M3MW05**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene	14.86	39778	1.54 ug/L	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene	17.58	43959	1.92 ug/L	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04468.D**	Sample Name	**5664.05**
Operator	**Bhaskar**	Misc Info	**M3MW05**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene	18.75	37894	1.40 ug/L	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.45	110318	3.79 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04468.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: decanted: (Y/N) N Date Extracted: 8/30/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/31/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.85	7	J
2. 000496-11-7	Indane	10.69	7	JN
3.	unknown	12.63	6	J
4.	unknown	13.35	6	J
5. 000105-60-2	Caprolactam	14.22	9	JN
6. 000585-34-2	Phenol, m-tert-butyl-	14.70	4	JN
7. 000090-12-0	Naphthalene, 1-methyl-	15.14	4	JN
8.	unknown	19.47	11	J
9.	unknown	20.06	9	J
10. 000080-05-7	Phenol, 4,4'-(1-methylethylidene)	24.04	10	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04469.D**	Sample Name	**5664.06**
Operator	**Bhaskar**	Misc Info	**M3MW06**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04469.D**	Sample Name	**5664.06**
Operator	**Bhaskar**	Misc Info	**M3MW06**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW06**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04469.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: decanted: (Y/N) N Date Extracted: 8/30/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/31/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.84	11	J
2. 000496-11-7	Indane	10.69	16	JN
3.	unknown	14.26	9	J
4.	unknown	25.59	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04470.D**	Sample Name	**5664.07**
Operator	**Bhaskar**	Misc Info	**M3MW07**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

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Data File Name	**BNA04470.D**	Sample Name	**5664.07**
Operator	**Bhaskar**	Misc Info	**M3MW07**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW07**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.07

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04470.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: decanted: (Y/N) N Date Extracted: 8/30/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/31/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.85	4	J
2. 000105-60-2	Caprolactam	14.18	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04471.D**	Sample Name	**5664.08**
Operator	**Bhaskar**	Misc Info	**M3MW08**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04471.D**	Sample Name	**5664.08**
Operator	**Bhaskar**	Misc Info	**M3MW08**
Date Acquired	**31-Aug-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.45	71377	2.51 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW08**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.08

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04471.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: decanted: (Y/N) N Date Extracted: 8/30/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/31/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.84	7	J
2.	unknown	14.21	13	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04472.D**	Sample Name	**5664.09**
Operator	**Bhaskar**	Misc Info	**M3MW09**
Date Acquired	**1-Sep-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene	10.25	30765	1.84 ug/L	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

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Data File Name	**BNA04472.D**	Sample Name	**5664.09**
Operator	**Bhaskar**	Misc Info	**M3MW09**
Date Acquired	**1-Sep-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.45	99632	3.29 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW09**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.09

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04472.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: decanted: (Y/N) N Date Extracted: 8/30/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/1/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.87	4	J
2.	unknown	10.69	5	J
3. 000105-60-2	Caprolactam	14.21	9	JN
4. 000101-83-7	Cyclohexanamine, N-cyclohexyl-	16.69	14	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04473.D**	Sample Name	**5664.10**
Operator	**Bhaskar**	Misc Info	**M3MW10**
Date Acquired	**1-Sep-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene	10.26	18254	1.12 ug/L	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene	17.59	45010	1.97 ug/L	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

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Data File Name	**BNA04473.D**	Sample Name	**5664.10**
Operator	**Bhaskar**	Misc Info	**M3MW10**
Date Acquired	**1-Sep-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene	18.74	38655	1.43 ug/L	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.45	76025	2.66 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW10**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.10

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04473.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: decanted: (Y/N) N Date Extracted: 8/30/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/1/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	10.68	7	JN
2. 027133-93-3	2,3-Dihydro-1-methylindene	12.62	5	JN
3. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	13.35	4	JN
4.	unknown	14.22	9	J
5. 000585-34-2	Phenol, m-tert-butyl-	14.71	5	JN
6. 000581-40-8	Naphthalene, 2,3-dimethyl-	16.69	6	JN
7.	unknown	19.47	7	J
8. 000934-34-9	2(3H)-Benzothiazolone	19.63	4	JN
9.	unknown	20.07	7	J
10. 000080-05-7	Phenol, 4,4'-(1-methylethylidene)	24.05	9	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04474.D**	Sample Name	**5664.11**
Operator	**Bhaskar**	Misc Info	**M3MW11**
Date Acquired	**1-Sep-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene	17.59	27618	1.16 ug/L	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04474.D**	Sample Name	**5664.11**
Operator	**Bhaskar**	Misc Info	**M3MW11**
Date Acquired	**1-Sep-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene	18.75	31722	1.12 ug/L	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.45	56538	1.90 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW11**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5664 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5664.11

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04474.D

Level: (low/med) LOW Date Received: 8/28/00

% Moisture: decanted: (Y/N) N Date Extracted: 8/30/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/1/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.84	8	J
2.	unknown	14.21	13	J

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK575
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	8/31/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/6/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5664.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/28/00
	Bldg. 173	**Extraction Date:**	8/31/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/7/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5664.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/28/00
	Bldg. 173	**Extraction Date:**	8/31/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/7/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5664.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/28/00
	Bldg. 173	**Extraction Date:**	8/31/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/7/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5664.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/28/00
	Bldg. 173	**Extraction Date:**	8/31/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/7/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5664.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/28/00
	Bldg. 173	**Extraction Date:**	8/31/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/7/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5664.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/28/00
	Bldg. 173	**Extraction Date:**	8/31/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/7/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5664.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/28/00
	Bldg. 173	**Extraction Date:**	8/31/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/7/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5664.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/28/00
	Bldg. 173	**Extraction Date:**	8/31/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/7/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5664.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/28/00
	Bldg. 173	**Extraction Date:**	8/31/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/7/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5664.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/28/00
	Bldg. 173	**Extraction Date:**	8/31/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/7/00
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5664
Sample Prepared: 09/07/00

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	09/07/00	30	200	10.0
Antimony	09/07/00	ND	20	2.0
Arsenic	09/07/00	ND	8	2.0
Barium	09/07/00	ND	2000	0.5
Beryllium	09/07/00	ND	20	0.5
Cadmium	09/07/00	ND	4	0.5
Calcium	09/07/00	120	NLE	20.0
Chromium	09/07/00	ND	100	0.5
Cobalt	09/07/00	ND	NLE	0.5
Copper	09/07/00	ND	1000	2.0
Iron	09/07/00	15.0	300	10.0
Lead	09/07/00	ND	10	1.0
Magnesium	09/07/00	ND	NLE	10.0
Manganese	09/07/00	ND	50	0.5
Mercury	09/07/00	ND	2	0.1
Nickel	09/07/00	ND	100	1.0
Potassium	09/07/00	ND	NLE	40.0
Selenium	09/07/00	ND	50	3.0
Silver	09/07/00	ND	20	1.0
Sodium	09/07/00	890	50000	20.0
Thallium	09/07/00	ND	10	2.0
Vanadium	09/07/00	ND	NLE	0.5
Zinc	09/07/00	19.0	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5664.02
Sample Received: 08/28/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	09/07/00	ND	200	10.0
Antimony	09/07/00	ND	20	2.0
Arsenic	09/07/00	ND	8	2.0
Barium	09/07/00	ND	2000	0.5
Beryllium	09/07/00	ND	20	0.5
Cadmium	09/07/00	ND	4	0.5
Calcium	09/07/00	ND	NLE	20.0
Chromium	09/07/00	ND	100	0.5
Cobalt	09/07/00	ND	NLE	0.5
Copper	09/07/00	ND	1000	2.0
Iron	09/07/00	8.72	300	2.0
Lead	09/07/00	ND	10	1.0
Magnesium	09/07/00	ND	NLE	10.0
Manganese	09/07/00	ND	50	0.5
Mercury	09/07/00	ND	2	0.1
Nickel	09/07/00	ND	100	1.0
Potassium	09/07/00	ND	NLE	40.0
Selenium	09/07/00	ND	50	3.0
Silver	09/07/00	ND	20	1.0
Sodium	09/07/00	ND	50000	20.0
Thallium	09/07/00	ND	10	2.0
Vanadium	09/07/00	ND	NLE	0.5
Zinc	09/07/00	ND	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5664.03
Sample Received: 08/28/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	09/07/00	431	200	10.0
Antimony	09/07/00	ND	20	2.0
Arsenic	09/07/00	5.04	8	2.0
Barium	09/07/00	177	2000	0.5
Beryllium	09/07/00	ND	20	0.5
Cadmium	09/07/00	3.17	4	0.5
Calcium	09/07/00	54500	NLE	20.0
Chromium	09/07/00	ND	100	0.5
Cobalt	09/07/00	16.2	NLE	0.5
Copper	09/07/00	ND	1000	2.0
Iron	09/07/00	4710	300	10.0
Lead	09/07/00	1.91	10	1.0
Magnesium	09/07/00	10400	NLE	10.0
Manganese	09/07/00	48.9	50	0.5
Mercury	09/07/00	ND	2	0.1
Nickel	09/07/00	51.9	100	1.0
Potassium	09/07/00	8550	NLE	40.0
Selenium	09/07/00	ND	50	3.0
Silver	09/07/00	ND	20	1.0
Sodium	09/07/00	29000	50000	20.0
Thallium	09/07/00	ND	10	2.0
Vanadium	09/07/00	1.04	NLE	0.5
Zinc	09/07/00	97.3	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5664.04
Sample Received: 08/28/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	09/07/00	231	200	10.0
Antimony	09/07/00	ND	20	2.0
Arsenic	09/07/00	4.30	8	2.0
Barium	09/07/00	176	2000	0.5
Beryllium	09/07/00	ND	20	0.5
Cadmium	09/07/00	3.25	4	0.5
Calcium	09/07/00	55600	NLE	20.0
Chromium	09/07/00	ND	100	0.5
Cobalt	09/07/00	15.6	NLE	0.5
Copper	09/07/00	ND	1000	2.0
Iron	09/07/00	3960	300	10.0
Lead	09/07/00	1.37	10	1.0
Magnesium	09/07/00	10300	NLE	10.0
Manganese	09/07/00	49.4	50	0.5
Mercury	09/07/00	ND	2	0.1
Nickel	09/07/00	50.8	100	1.0
Potassium	09/07/00	8610	NLE	40.0
Selenium	09/07/00	ND	50	3.0
Silver	09/07/00	ND	20	1.0
Sodium	09/07/00	28500	50000	20.0
Thallium	09/07/00	ND	10	2.0
Vanadium	09/07/00	0.857	NLE	0.5
Zinc	09/07/00	94.1	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5664.05
Sample Received: 08/28/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	09/07/00	101	200	10.0
Antimony	09/07/00	2.68	20	2.0
Arsenic	09/07/00	ND	8	2.0
Barium	09/07/00	630	2000	0.5
Beryllium	09/07/00	ND	20	0.5
Cadmium	09/07/00	ND	4	0.5
Calcium	09/07/00	94800	NLE	20.0
Chromium	09/07/00	ND	100	0.5
Cobalt	09/07/00	0.868	NLE	0.5
Copper	09/07/00	ND	1000	2.0
Iron	09/07/00	69900	300	10.0
Lead	09/07/00	1.98	10	1.0
Magnesium	09/07/00	15800	NLE	10.0
Manganese	09/07/00	382	50	0.5
Mercury	09/07/00	ND	2	0.1
Nickel	09/07/00	ND	100	1.0
Potassium	09/07/00	11900	NLE	40.0
Selenium	09/07/00	ND	50	3.0
Silver	09/07/00	ND	20	1.0
Sodium	09/07/00	15600	50000	20.0
Thallium	09/07/00	ND	10	2.0
Vanadium	09/07/00	ND	NLE	0.5
Zinc	09/07/00	23.8	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5664.06
Sample Received: 08/28/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	09/07/00	141	200	10.0
Antimony	09/07/00	3.66	20	2.0
Arsenic	09/07/00	ND	8	2.0
Barium	09/07/00	111	2000	0.5
Beryllium	09/07/00	ND	20	0.5
Cadmium	09/07/00	ND	4	0.5
Calcium	09/07/00	124000	NLE	20.0
Chromium	09/07/00	ND	100	0.5
Cobalt	09/07/00	0.707	NLE	0.5
Copper	09/07/00	45.4	1000	2.0
Iron	09/07/00	19400	300	10.0
Lead	09/07/00	2.56	10	1.0
Magnesium	09/07/00	31200	NLE	10.0
Manganese	09/07/00	676	50	0.5
Mercury	09/07/00	ND	2	0.1
Nickel	09/07/00	ND	100	1.0
Potassium	09/07/00	9570	NLE	40.0
Selenium	09/07/00	ND	50	3.0
Silver	09/07/00	ND	20	1.0
Sodium	09/07/00	24100	50000	20.0
Thallium	09/07/00	ND	10	2.0
Vanadium	09/07/00	ND	NLE	0.5
Zinc	09/07/00	78.6	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5664.07
Sample Received: 08/28/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	09/07/00	333	200	10.0
Antimony	09/07/00	3.73	20	2.0
Arsenic	09/07/00	5.75	8	2.0
Barium	09/07/00	336	2000	0.5
Beryllium	09/07/00	ND	20	0.5
Cadmium	09/07/00	0.691	4	0.5
Calcium	09/07/00	213000	NLE	20.0
Chromium	09/07/00	12.7	100	0.5
Cobalt	09/07/00	0.600	NLE	0.5
Copper	09/07/00	ND	1000	2.0
Iron	09/07/00	20500	300	10.0
Lead	09/07/00	1.25	10	1.0
Magnesium	09/07/00	116000	NLE	10.0
Manganese	09/07/00	949	50	0.5
Mercury	09/07/00	ND	2	0.1
Nickel	09/07/00	ND	100	1.0
Potassium	09/07/00	38000	NLE	40.0
Selenium	09/07/00	ND	50	3.0
Silver	09/07/00	ND	20	1.0
Sodium	09/07/00	1010000	50000	20.0
Thallium	09/07/00	ND	10	2.0
Vanadium	09/07/00	ND	NLE	0.5
Zinc	09/07/00	222	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5664.08
Sample Received: 08/28/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	09/07/00	173	200	10.0
Antimony	09/07/00	2.54	20	2.0
Arsenic	09/07/00	ND	8	2.0
Barium	09/07/00	352	2000	0.5
Beryllium	09/07/00	ND	20	0.5
Cadmium	09/07/00	ND	4	0.5
Calcium	09/07/00	100000	NLE	20.0
Chromium	09/07/00	ND	100	0.5
Cobalt	09/07/00	ND	NLE	0.5
Copper	09/07/00	ND	1000	2.0
Iron	09/07/00	45600	300	10.0
Lead	09/07/00	2.29	10	1.0
Magnesium	09/07/00	19200	NLE	10.0
Manganese	09/07/00	722	50	0.5
Mercury	09/07/00	ND	2	0.1
Nickel	09/07/00	ND	100	1.0
Potassium	09/07/00	7830	NLE	40.0
Selenium	09/07/00	ND	50	3.0
Silver	09/07/00	ND	20	1.0
Sodium	09/07/00	63200	50000	20.0
Thallium	09/07/00	ND	10	2.0
Vanadium	09/07/00	ND	NLE	0.5
Zinc	09/07/00	35.7	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5664.09
Sample Received: 08/28/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	09/07/00	257	200	10.0
Antimony	09/07/00	ND	20	2.0
Arsenic	09/07/00	ND	8	2.0
Barium	09/07/00	376	2000	0.5
Beryllium	09/07/00	ND	20	0.5
Cadmium	09/07/00	ND	4	0.5
Calcium	09/07/00	71400	NLE	20.0
Chromium	09/07/00	ND	100	0.5
Cobalt	09/07/00	0.883	NLE	0.5
Copper	09/07/00	ND	1000	2.0
Iron	09/07/00	66500	300	10.0
Lead	09/07/00	4.72	10	1.0
Magnesium	09/07/00	15100	NLE	10.0
Manganese	09/07/00	723	50	0.5
Mercury	09/07/00	ND	2	0.1
Nickel	09/07/00	ND	100	1.0
Potassium	09/07/00	10300	NLE	40.0
Selenium	09/07/00	ND	50	3.0
Silver	09/07/00	ND	20	1.0
Sodium	09/07/00	14600	50000	20.0
Thallium	09/07/00	ND	10	2.0
Vanadium	09/07/00	ND	NLE	0.5
Zinc	09/07/00	50.1	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5664.10
Sample Received: 08/28/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	09/07/00	910	200	10.0
Antimony	09/07/00	ND	20	2.0
Arsenic	09/07/00	ND	8	2.0
Barium	09/07/00	604	2000	0.5
Beryllium	09/07/00	ND	20	0.5
Cadmium	09/07/00	ND	4	0.5
Calcium	09/07/00	104000	NLE	20.0
Chromium	09/07/00	ND	100	0.5
Cobalt	09/07/00	1.31	NLE	0.5
Copper	09/07/00	ND	1000	2.0
Iron	09/07/00	64400	300	10.0
Lead	09/07/00	1.60	10	1.0
Magnesium	09/07/00	16200	NLE	10.0
Manganese	09/07/00	564	50	0.5
Mercury	09/07/00	ND	2	0.1
Nickel	09/07/00	ND	100	1.0
Potassium	09/07/00	11700	NLE	40.0
Selenium	09/07/00	ND	50	3.0
Silver	09/07/00	ND	20	1.0
Sodium	09/07/00	16200	50000	20.0
Thallium	09/07/00	4.37	10	2.0
Vanadium	09/07/00	2.97	NLE	0.5
Zinc	09/07/00	42.2	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5664.11
Sample Received: 08/28/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW11

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	09/07/00	1250	200	10.0
Antimony	09/07/00	ND	20	2.0
Arsenic	09/07/00	2.63	8	2.0
Barium	09/07/00	271	2000	0.5
Beryllium	09/07/00	ND	20	0.5
Cadmium	09/07/00	12.7	4	0.5
Calcium	09/07/00	133000	NLE	20.0
Chromium	09/07/00	ND	100	0.5
Cobalt	09/07/00	15.1	NLE	0.5
Copper	09/07/00	67.9	1000	2.0
Iron	09/07/00	50600	300	10.0
Lead	09/07/00	4.17	10	1.0
Magnesium	09/07/00	11000	NLE	10.0
Manganese	09/07/00	1890	50	0.5
Mercury	09/07/00	ND	2	0.1
Nickel	09/07/00	469	100	1.0
Potassium	09/07/00	7090	NLE	40.0
Selenium	09/07/00	ND	50	3.0
Silver	09/07/00	3.56	20	1.0
Sodium	09/07/00	11300	50000	20.0
Thallium	09/07/00	ND	10	2.0
Vanadium	09/07/00	1.86	NLE	0.5
Zinc	09/07/00	3850	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Di-n-butyl phthalate	Butyl benzyl phthalate	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	900	100	200	300	50	10	20	20	2000	-
05/01/1997	FMETL	83	2.77	330	270	39	ND	21	-	-	V,S,P,M
08/07/1997	FMETL	1.95	ND	139	140	62	0.6	ND	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	146	2550	64	16	ND	ND	94.5	V,S,P,M
02/17/1998	FMETL	13.6	ND	430	206	56	ND	ND	ND	84.5	V,S,P,M
05/05/1998	FMETL	ND	ND	461	433	6.6	ND	ND	9	38	V,S,P,M
07/07/1998	FMETL	ND	ND	877	4990	39.4	ND	ND	5.24	131	V,S,P,M
10/27/1998	FMETL	ND	ND	121	1260	41.8	ND	ND	8.54	126	V,S,P,M
03/01/1999	FMETL	ND	ND	815	2390	27.2	2.28	ND	3.95	91	V,S,P,M
06/11/1999	FMETL	ND	ND	244	1030	55.7	ND	ND	ND	150	V,S,P,M
07/27/1999	FMETL	ND	ND	137	515	72.6	ND	ND	2.41	159	V,S,P,M
10/26/1999	FMETL	ND	ND	111	2270	44.4	ND	ND	ND	112	V,S,P,M
03/02/2000	FMETL	ND	ND	219	1390	40.8	ND	ND	ND	137	V,S,P,M
03/02/2000D	FMETL	ND	ND	367	1910	153	ND	ND	10.4	156	V,S,P,M
06/01/2000	FMETL	ND	ND	281	1390	22.4	2.93	ND	3.10	71.8	V,S,P,M
08/28/2000	FMETL	ND	ND	231	3960	49.4	1.37	ND	ND	176	V,S,P,M
08/28/2000D	FMETL	ND	ND	431	4710	48.9	1.91	ND	ND	177	V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 08/28/2000

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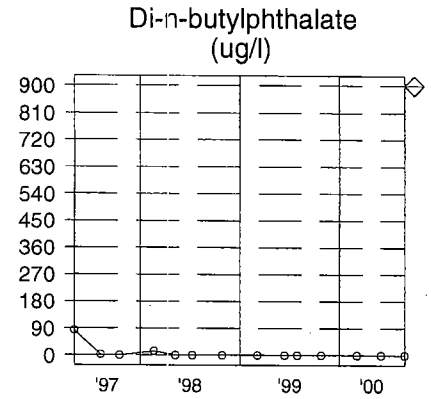
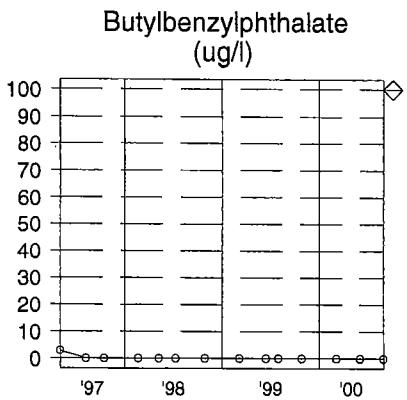
FORT MONMOUTH

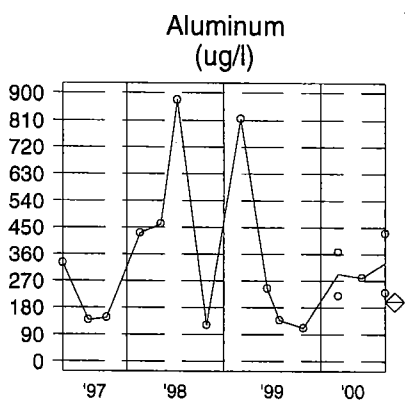
GW MONITORING
M-3

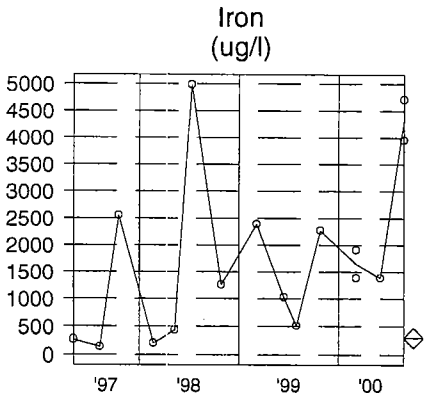
Source 1 of 8

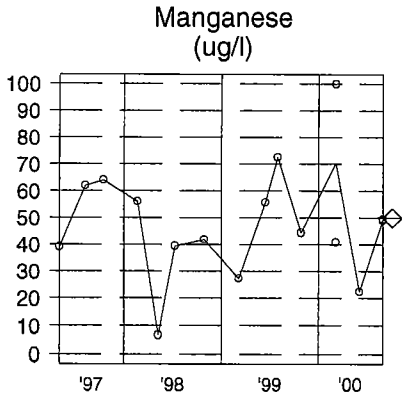
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

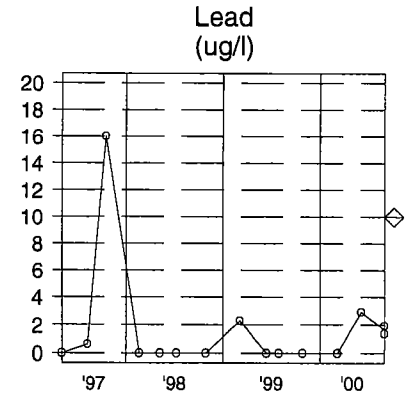


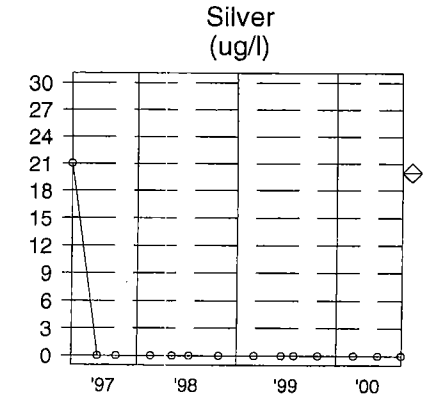


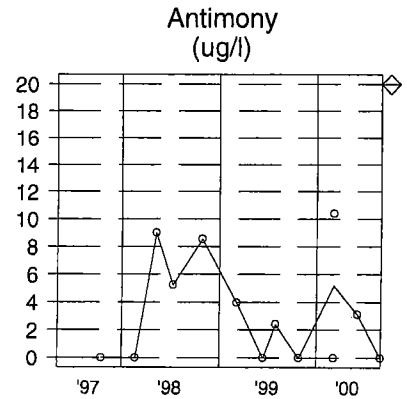


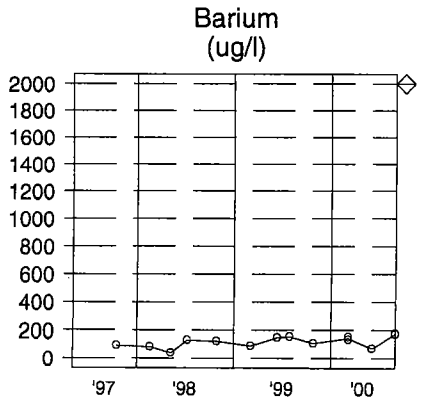












SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 08/28/2000

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LEGEND:

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 1 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-22-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
05/01/1997	FMETL	-	-	-	-	-	-	-	10.55		V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	-	13.30		V,S,P,M
10/16/1997	FMETL	2.8	48790	6590	25.3	8040	18650	124	14.10		V,S,P,M
02/17/1998	FMETL	2.2	26330	8530	36	5700	16740	88	8.80		V,S,P,M
05/05/1998	FMETL	0.6	7004	7252	19.9	3590	13730	89.8	9.40		V,S,P,M
07/07/1998	FMETL	2.41	44100	8620	46	11000	19200	129	12.26		V,S,P,M
10/27/1998	FMETL	3.78	42500	6710	41.6	10500	16200	46	14.51		V,S,P,M
03/01/1999	FMETL	1.91	27800	8940	34.1	5920	21400	106	11.25		V,S,P,M
06/11/1999	FMETL	3.34	58600	9670	48.9	9210	27300	60.5	13.21		V,S,P,M
07/27/1999	FMETL	4.70	66400	9170	38.8	9770	23100	56.7	13.96		V,S,P,M
10/26/1999	FMETL	2.23	36900	5680	28.2	6850	21400	27.6	13.41		V,S,P,M
03/02/2000	FMETL	3.10	46500	11600	66.5	6880	29600	173	11.95		V,S,P,M
03/02/2000D	FMETL	4.16	51100	21400	73.5	7560	32900	159	11.95		V,S,P,M
06/01/2000	FMETL	0.909	28000	9760	53.5	4950	25800	124	11.92		V,S,P,M
08/28/2000	FMETL	3.25	55600	10300	50.8	8610	28500	94.1	11.89		V,S,P,M
08/28/2000D	FMETL	3.17	54500	10400	51.9	8550	29000	97.3	11.89		V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 08/28/2000

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FORT MONMOUTH

GW MONITORING
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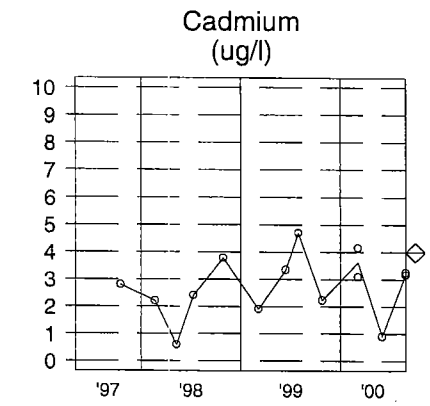
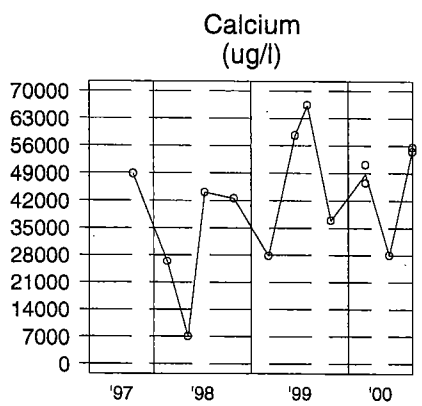
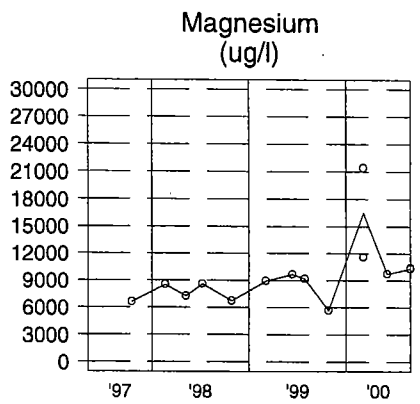
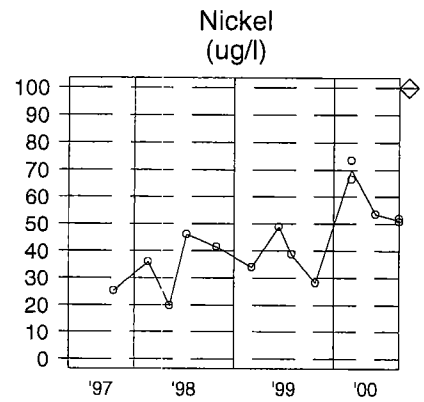
Source 1 of 8

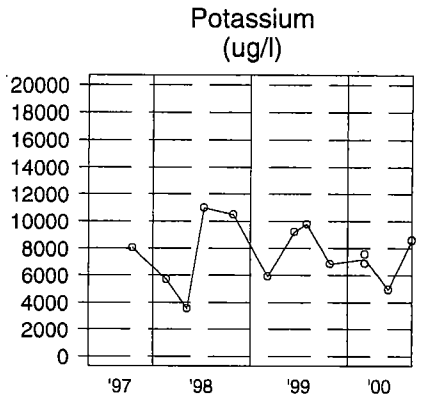
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

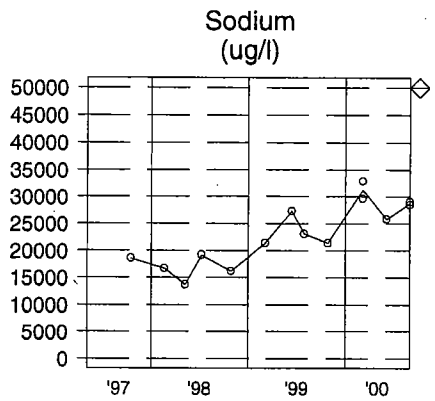


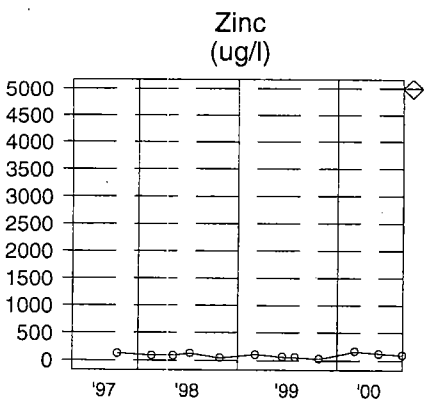


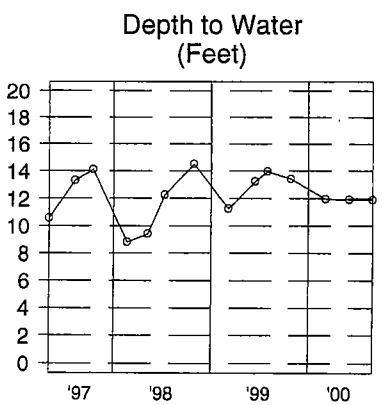












SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 08/28/2000

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LEGEND:

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 1 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-22-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Chloro benzene	Benzene	1,4-Di chloro benzene	Di-n-butyl phthalate	2-Methyl naphtha lene	Acenaph thene	Fluorene	Phen anthrene	bis(2-Ethyl hexyl) phthalate	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	1	75	900	NLE	400	300	NLE	30	-
05/01/1997	FMETL	3.82	ND	ND	123	1.64	1.31	1.03	1.35	ND	V,S,P,M
08/07/1997	FMETL	7.28	ND	ND	2.28	1.82	1.31	ND	1.08	ND	V,S,P,M
10/16/1997	FMETL	6.70	ND	ND	ND	2.08	1.70	1.13	1.57	ND	V,S,P,M
02/17/1998	FMETL	4.66	ND	ND	43.6	1.33	1.78	1.13	1.40	ND	V,S,P,M
05/05/1998	FMETL	7.33	1.44	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
07/07/1998	FMETL	9.23	1.33	ND	ND	1.80	1.52	1.06	1.01	ND	V,S,P,M
10/27/1998	FMETL	5.05	ND	ND	ND	ND	ND	ND	2.32	ND	V,S,P,M
03/01/1999	FMETL	5.19	ND	ND	ND	1.57	2.44	ND	2.27	ND	V,S,P,M
06/11/1999	FMETL	5.60	ND	ND	ND	ND	1.04	ND	1.13	ND	V,S,P,M
07/27/1999	FMETL	5.21	ND	1.10	ND	1.49	1.47	ND	ND	ND	V,S,P,M
10/26/1999	FMETL	5.39	ND	1.02	ND	2.00	2.20	1.65	2.14	ND	V,S,P,M
03/02/2000	FMETL	4.09	ND	ND	ND	1.29	1.74	1.29	1.45	4.03	V,S,P,M
06/01/2000	FMETL	4.32	ND	ND	ND	1.27	1.63	1.20	1.30	3.89	V,S,P,M
08/28/2000	FMETL	5.72	ND	ND	ND	1.54	1.92	1.40	ND	3.79	V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
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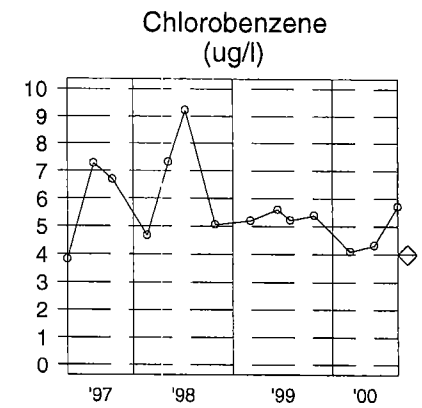

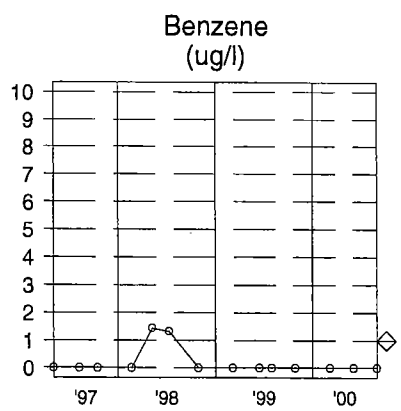

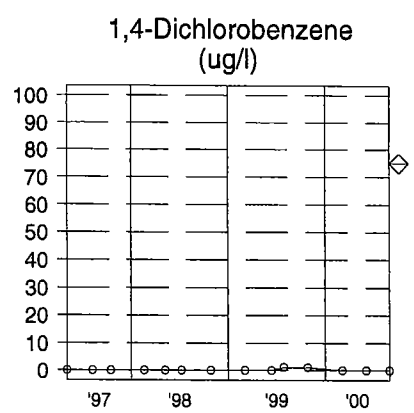

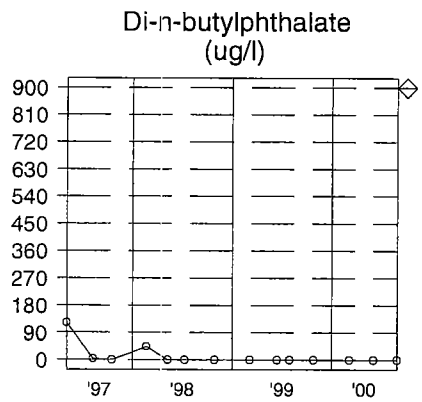

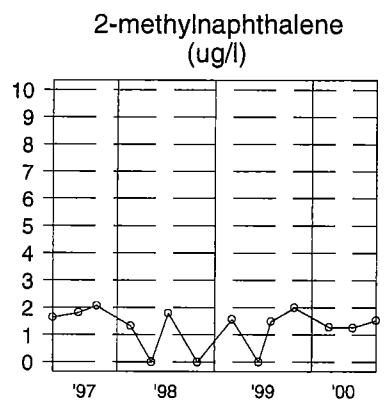

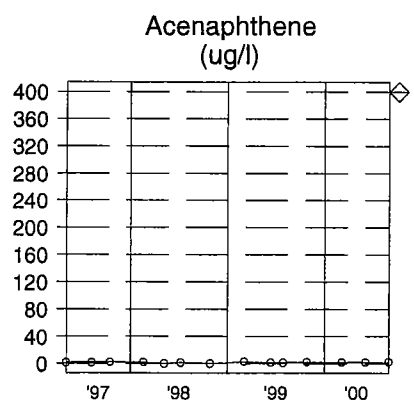

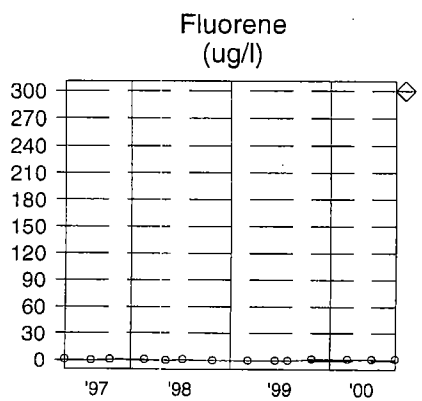

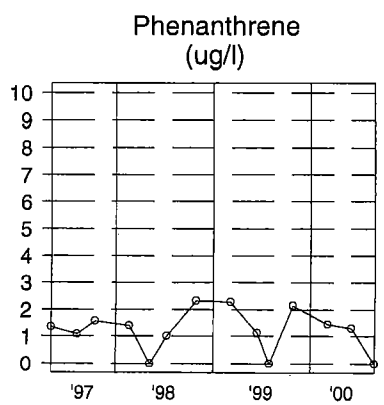

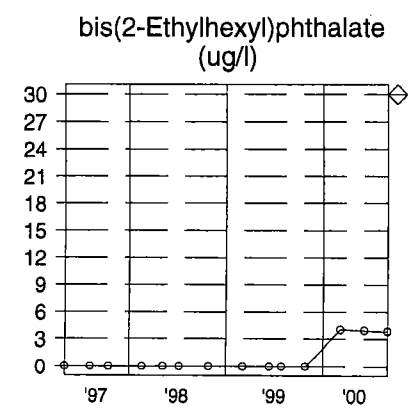

SOURCE: 00M3MW05

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	Lab	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	200	300	50	10	20	20	2000	4	NLE	-
05/01/1997	FMETL	27	73000	440	ND	21	-	-	-	-	V,S,P,M
08/07/1997	FMETL	182	187600	503	20.5	ND	-	-	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	ND	ND	ND	ND	627.3	ND	90160	V,S,P,M
02/17/1998	FMETL	149	70470	425	6.0	ND	ND	664	ND	96030	V,S,P,M
05/05/1998	FMETL	ND	84560	409	ND	ND	4.3	637	ND	89180	V,S,P,M
07/07/1998	FMETL	22.3	65400	399	4.54	ND	4.26	555	1.2	90100	V,S,P,M
10/27/1998	FMETL	ND	67300	421	ND	ND	7.83	636	ND	88000	V,S,P,M
03/01/1999	FMETL	13.4	75500	409	3.15	ND	2.4	638	ND	97800	V,S,P,M
06/11/1999	FMETL	ND	70000	440	ND	ND	ND	566	4.38	89600	V,S,P,M
07/27/1999	FMETL	15.0	76500	501	ND	ND	ND	655	1.21	90500	V,S,P,M
10/26/1999	FMETL	31	66500	395	ND	ND	ND	625	ND	85700	V,S,P,M
03/02/2000	FMETL	16.3	74000	417	ND	ND	ND	647	ND	95000	V,S,P,M
06/01/2000	FMETL	13.2	73900	430	ND	ND	ND	693	ND	98200	V,S,P,M
08/28/2000	FMETL	101	69900	382	1.98	ND	2.68	630	ND	94800	V,S,P,M

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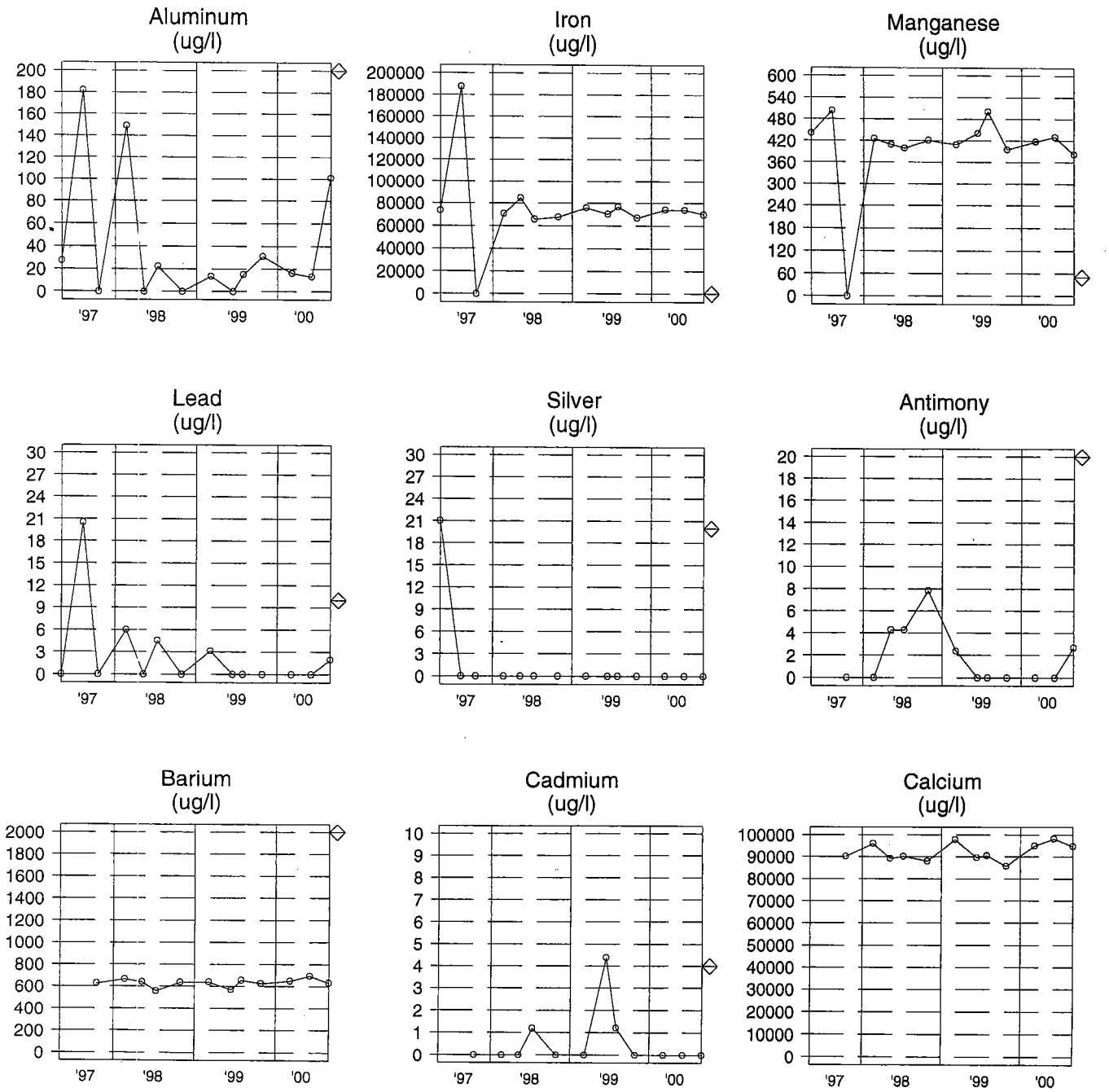

SOURCE: 00M3MW05

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	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
05/01/1997	FMETL	-	-	-	-	-	7.90				V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	8.85				V,S,P,M
10/16/1997	FMETL	14600	1.1	12350	17370	44	9.10				V,S,P,M
02/17/1998	FMETL	15840	5.7	13960	16070	ND	7.70				V,S,P,M
05/05/1998	FMETL	14300	1.4	15490	16640	2.2	7.76				V,S,P,M
07/07/1998	FMETL	13800	ND	15100	9510	18.8	8.66				V,S,P,M
10/27/1998	FMETL	14000	0.87	14100	11800	ND	9.64				V,S,P,M
03/01/1999	FMETL	15800	1.69	11400	17300	3.68	8.47				V,S,P,M
06/11/1999	FMETL	14700	11000	10800	16800	ND	9.13				V,S,P,M
07/27/1999	FMETL	15000	2.15	10900	18000	13.7	9.49				V,S,P,M
10/26/1999	FMETL	13900	1.0	10800	15800	5.69	8.77				V,S,P,M
03/02/2000	FMETL	15700	0.912	10800	15500	17	8.45				V,S,P,M
06/01/2000	FMETL	16600	10.9	10700	15000	13.2	8.53				V,S,P,M
08/28/2000	FMETL	15800	ND	11900	15600	23.8	8.31				V,S,P,M

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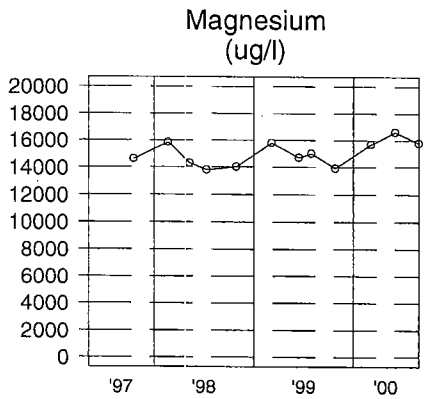

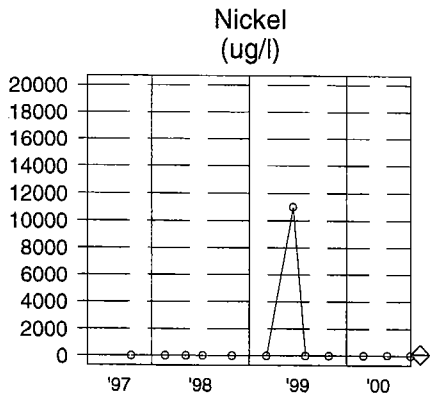

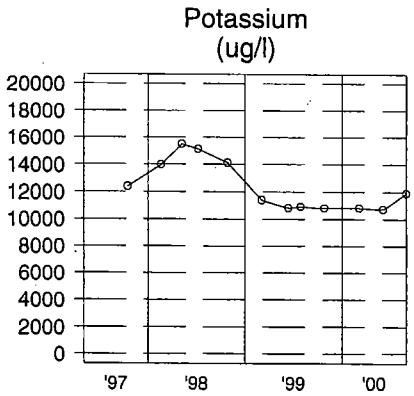

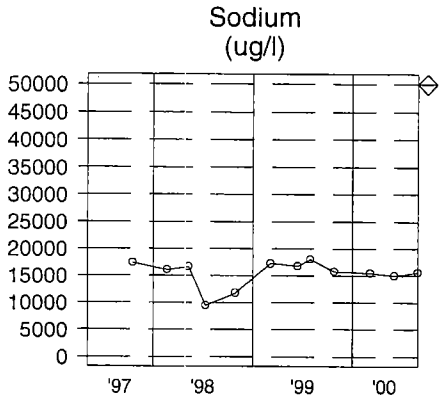

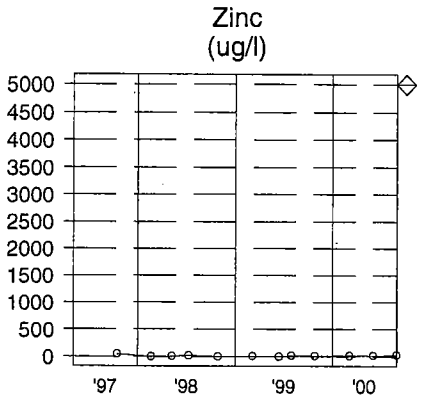

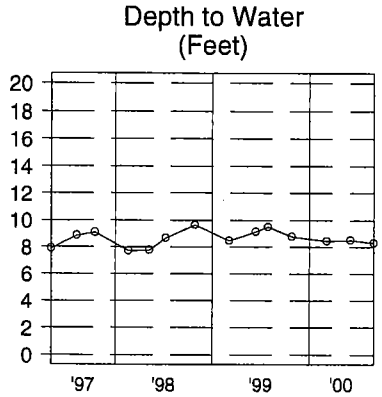

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	Lab	Chloro benzene	Benzene	1,4-Di chloro benzene	Di-n-butyl phthalate	4,4'-DDD	Aluminum	Iron	Manganese	Lead	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	1	75	900	0.1	200	300	50	10	-
05/01/1997	FMETL	ND	5.35	ND	60	ND	70	10500	320	ND	V,S,P,M
08/07/1997	FMETL	2.65	ND	ND	ND	ND	61	31020	565	1.4	V,S,P,M
10/16/1997	FMETL	4.41	ND	ND	ND	ND	142	37600	623	8.0	V,S,P,M
02/17/1998	FMETL	ND	ND	ND	35.8	ND	113	10740	639	ND	V,S,P,M
05/05/1998	FMETL	ND	0.94	ND	ND	ND	49	6992	362	ND	V,S,P,M
07/07/1998	FMETL	2.65	3.10	ND	ND	0.005	92.2	20900	555	ND	V,S,P,M
10/27/1998	FMETL	5.34	ND	ND	ND	ND	166	26800	449	ND	V,S,P,M
03/01/1999	FMETL	1.93	ND	ND	ND	ND	182	35500	1010	4.01	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	ND	ND	15.9	23500	687	ND	V,S,P,M
07/27/1999	FMETL	4.59	ND	1.30	ND	ND	1480	43900	785	3.08	V,S,P,M
10/26/1999	FMETL	2.16	ND	ND	ND	ND	37.9	12900	711	ND	V,S,P,M
03/02/2000	FMETL	1.90	ND	ND	ND	ND	ND	20800	903	ND	V,S,P,M
06/01/2000	FMETL	2.05	1.44	ND	ND	ND	ND	22300	877	ND	V,S,P,M
08/28/2000	FMETL	3.18	ND	ND	ND	ND	141	19400	676	2.56	V,S,P,M

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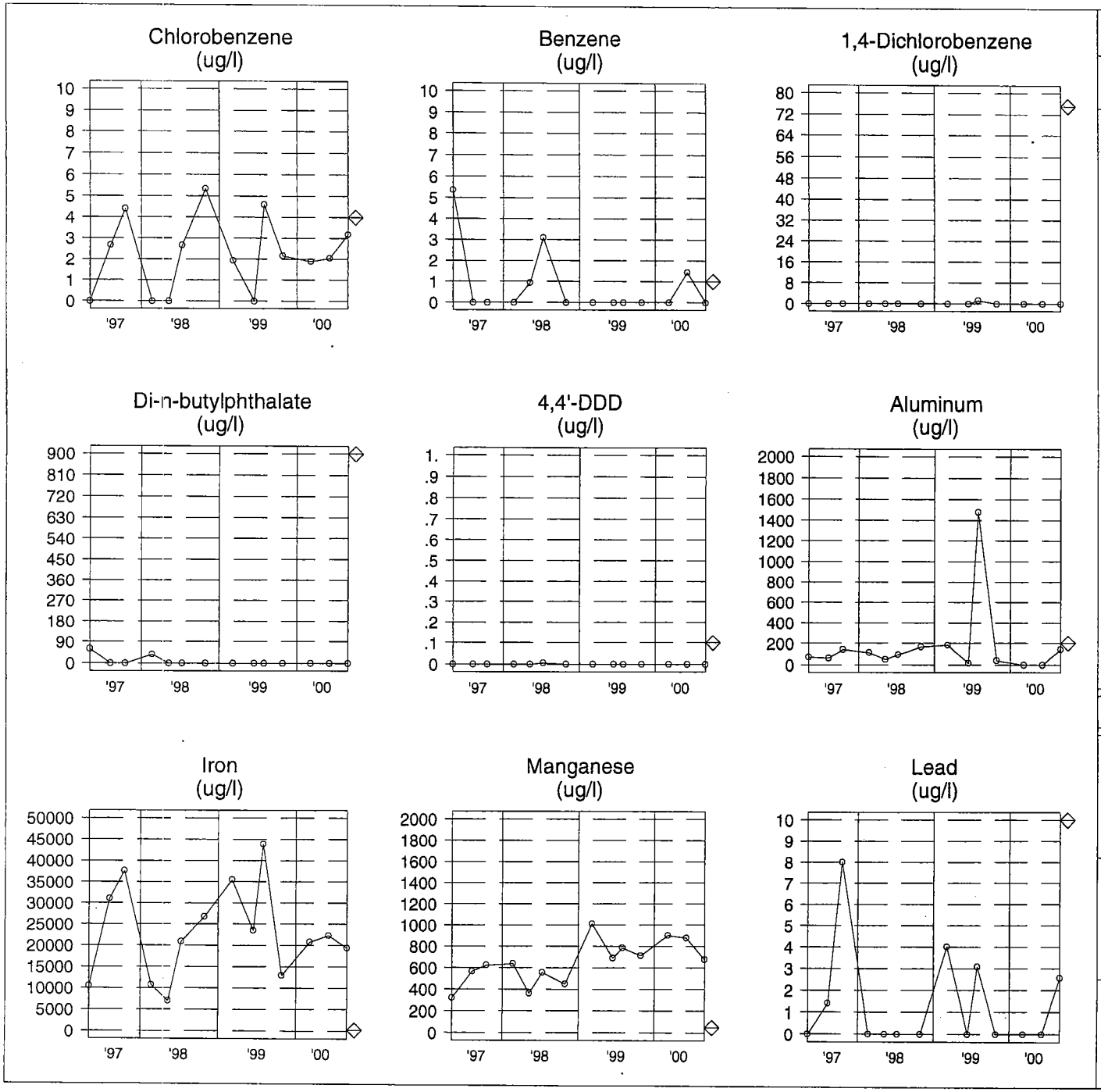

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Sampling Dates:
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	Lab	Silver	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	20	20	2000	4	NLE	NLE	100	NLE	50000	-
05/01/1997	FMETL	14	-	-	-	-	-	-	-	-	V,S,P,M
08/07/1997	FMETL	ND	-	-	-	-	-	-	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	57.2	ND	69170	19300	2.3	8720	ND	V,S,P,M
02/17/1998	FMETL	ND	4	66	ND	94830	22740	18	10450	40910	V,S,P,M
05/05/1998	FMETL	ND	5.4	40	0.7	74040	16680	10	9163	25680	V,S,P,M
07/07/1998	FMETL	ND	2.9	73.6	ND	126000	29200	0.579	12600	15100	V,S,P,M
10/27/1998	FMETL	ND	5.31	29.7	ND	38600	12200	3.8	8430	18200	V,S,P,M
03/01/1999	FMETL	ND	4.8	149	0.63	159000	33300	18.9	10800	26200	V,S,P,M
06/11/1999	FMETL	ND	ND	114	1.87	119000	28300	3.55	10700	21500	V,S,P,M
07/27/1999	FMETL	ND	ND	76.2	1.84	63900	19000	6.40	9810	25600	V,S,P,M
10/26/1999	FMETL	ND	2.3	138	0.866	165000	34300	27.5	11900	37400	V,S,P,M
03/02/2000	FMETL	ND	ND	133	ND	184000	36700	10.4	10300	17600	V,S,P,M
06/01/2000	FMETL	ND	2.29	153	ND	173000	38300	11.8	10600	15200	V,S,P,M
08/28/2000	FMETL	ND	3.66	111	ND	124000	31200	ND	9570	24100	V,S,P,M

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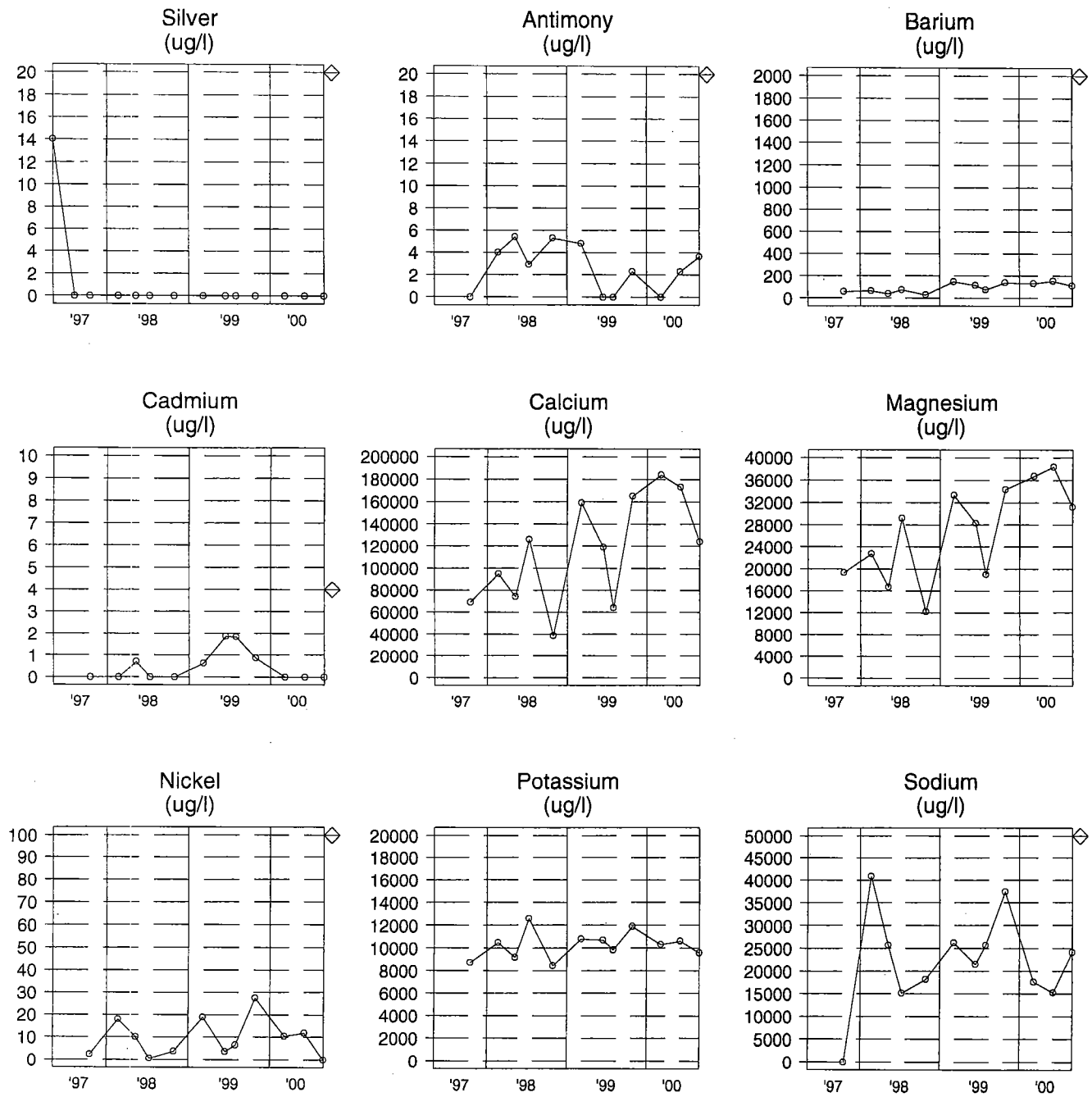

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	Lab	Zinc	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	5000	-								-
05/01/1997	FMETL	-	8.00								V,S,P,M
08/07/1997	FMETL	-	9.05								V,S,P,M
10/16/1997	FMETL	68	9.30								V,S,P,M
02/17/1998	FMETL	302	7.85								V,S,P,M
05/05/1998	FMETL	150	7.90								V,S,P,M
07/07/1998	FMETL	40.5	8.60								V,S,P,M
10/27/1998	FMETL	80	9.61								V,S,P,M
03/01/1999	FMETL	467	8.78								V,S,P,M
06/11/1999	FMETL	44.9	9.05								V,S,P,M
07/27/1999	FMETL	164	9.57								V,S,P,M
10/26/1999	FMETL	416	8.07								V,S,P,M
03/02/2000	FMETL	177	8.30								V,S,P,M
06/01/2000	FMETL	55.4	8.44								V,S,P,M
08/28/2000	FMETL	78.6	8.24								V,S,P,M

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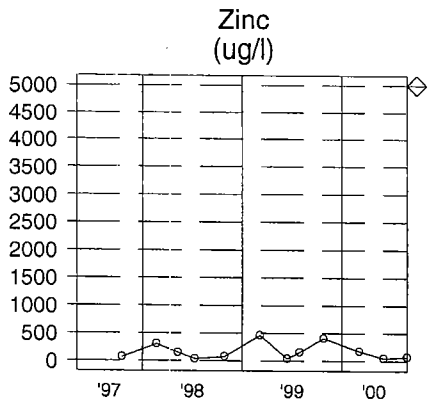

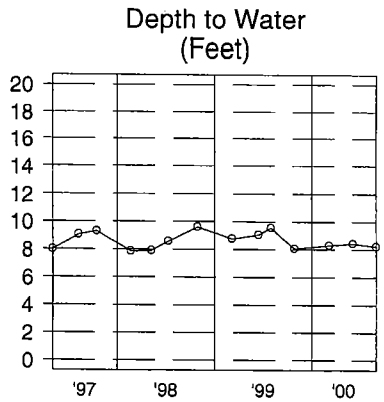

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	Lab	2-Butanone	Vinyl chloride	csi-1,2-Dichloro ethene	bis(2-Ethyl hexyl) phthalate	Aluminum	Iron	Manganese	Lead	Antimony	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	300	5	10	30	200	300	50	10	20	-
10/07/1998	FMETL	399.25	ND	ND	ND	4810	41900	710	23	ND	V,S,P,M
10/23/1998	FMETL	ND	8.93	3.58	ND	1820	56700	1200	6.23	ND	V,S,P,M
03/01/1999	FMETL	ND	2.76	4.05	ND	2350	78400	1080	13.7	3.96	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	ND	2990	34500	823	8.33	ND	V,S,P,M
07/27/1999	FMETL	ND	4.22	2.61	ND	1480	36900	998	5.66	ND	V,S,P,M
10/26/1999	FMETL	ND	ND	ND	ND	2490	35100	1060	7.59	2.51	V,S,P,M
03/02/2000	FMETL	ND	ND	ND	2.22	3400	36600	817	8.94	ND	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	ND	362	17500	650	3.75	3.55	V,S,P,M
08/28/2000	FMETL	ND	ND	1.80	ND	333	20500	949	1.25	3.73	V,S,P,M

SOURCE: 00M3MW07

Sampling Dates:
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FORT MONMOUTH

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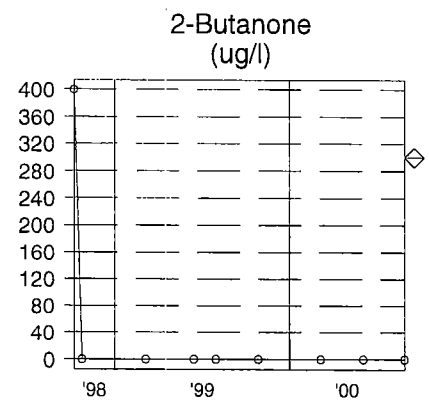
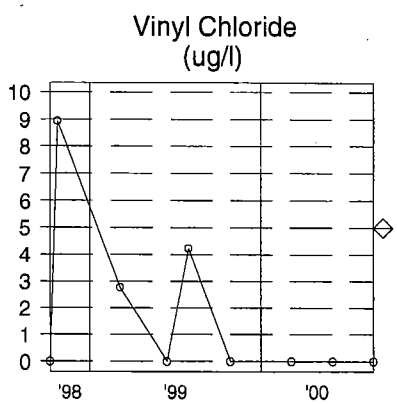
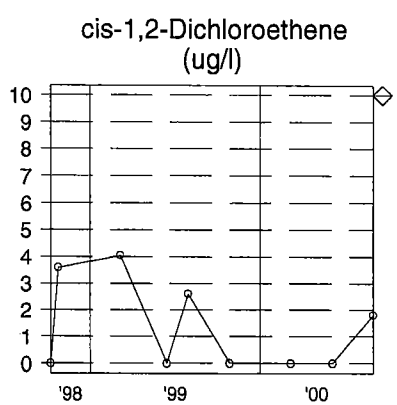
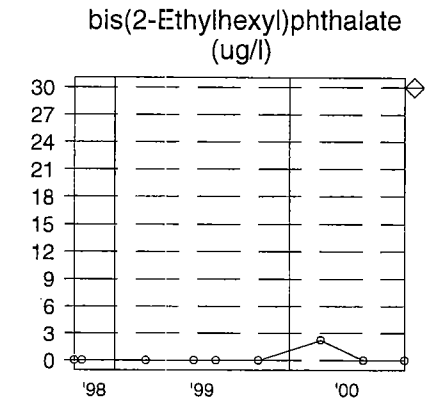
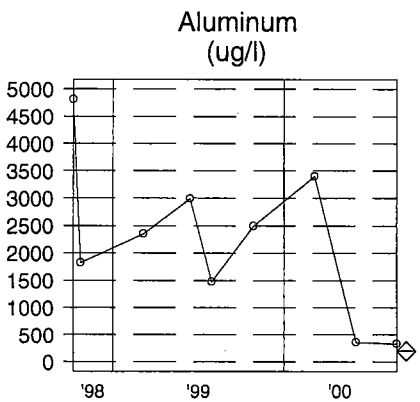
FORT MONMOUTH
SELFM-PW-EV

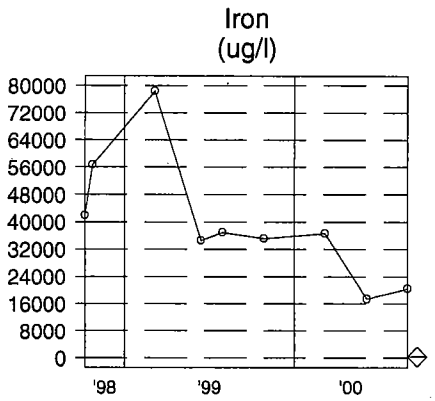


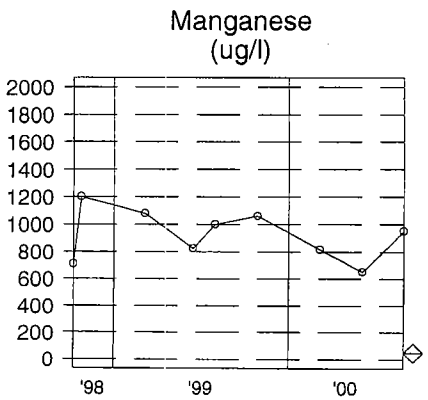


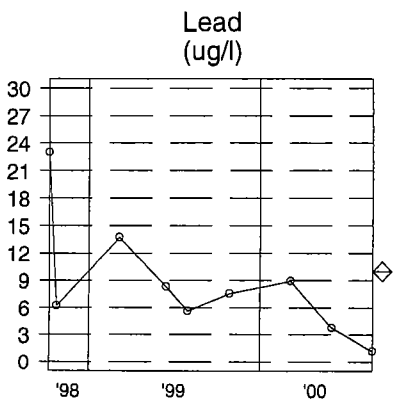


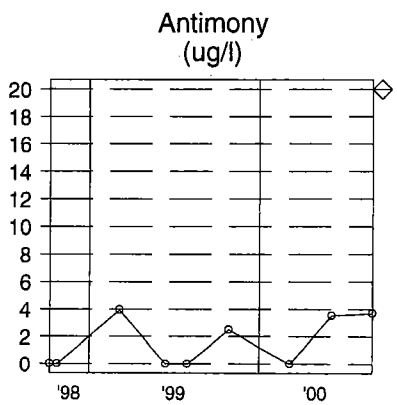












SOURCE: 00M3MW07

Sampling Dates:
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LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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FORT MONMOUTH
SELFM-PW-EV

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	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/07/1998	FMETL	126	ND	106000	91100	5.7	40900	579000	125	9.67	V,S,P,M
10/23/1998	FMETL	235	ND	204000	165000	1.32	64200	1300000	28.1	10.46	V,S,P,M
03/01/1999	FMETL	516	2	251000	113000	5.98	36400	858000	1090	8.72	V,S,P,M
06/11/1999	FMETL	372	4.25	252000	101000	2.36	33900	709000	571	9.47	V,S,P,M
07/27/1999	FMETL	492	4.99	292000	156000	4.74	48500	1050000	273	10.39	V,S,P,M
10/26/1999	FMETL	807	7.55	398000	261000	4.06	99900	1800000	723	10.35	V,S,P,M
03/02/2000	FMETL	580	2.58	271000	136000	8.92	57000	1070000	817	9.56	V,S,P,M
06/01/2000	FMETL	280	1.38	210000	90300	8.86	32200	630000	341	9.24	V,S,P,M
08/28/2000	FMETL	336	0.691	213000	116000	ND	38000	1010000	222	9.17	V,S,P,M

SOURCE: 00M3MW07

Sampling Dates:
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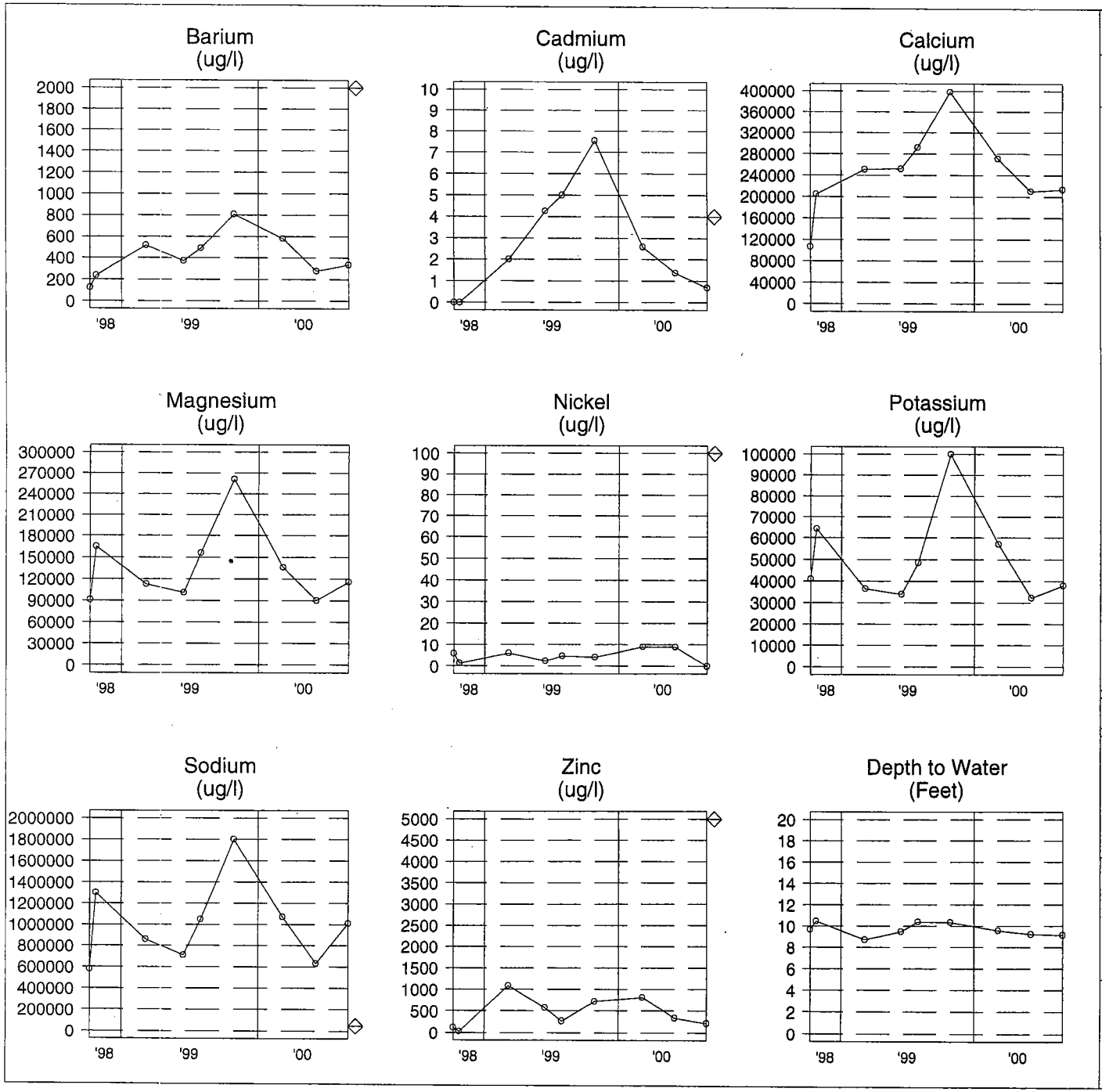

SOURCE: 00M3MW07

Sampling Dates:
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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

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	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	bis(2-Ethyl hexyl) phthalate	4,4'-DDE	4,4'-DDD	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	30	0.1	0.1	200	300	-
10/20/1998	FMETL	ND	1.01	6.34	ND	ND	ND	ND	235	55500	V,S,P,M
11/02/1998	FMETL	8.5	1.37	5.43	ND	ND	ND	ND	7030	88700	V,S,P,M
03/01/1999	FMETL	ND	1.55	ND	ND	ND	ND	ND	852	54700	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	1.22	ND	ND	0.021	747	36600	V,S,P,M
07/27/1999	FMETL	ND	1.59	2.45	1.02	ND	0.008	0.018	1530	44200	V,S,P,M
10/26/1999	FMETL	ND	1.66	ND	ND	ND	ND	ND	347	39400	V,S,P,M
03/02/2000	FMETL	ND	1.44	ND	ND	2.31	ND	ND	395	37100	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	119	41700	V,S,P,M
08/28/2000	FMETL	ND	1.85	ND	ND	2.51	ND	ND	173	45600	V,S,P,M

SOURCE: 00M3MW08

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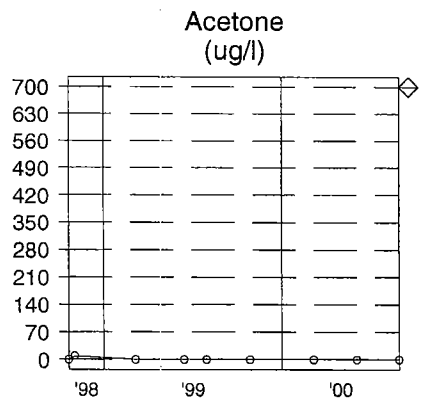

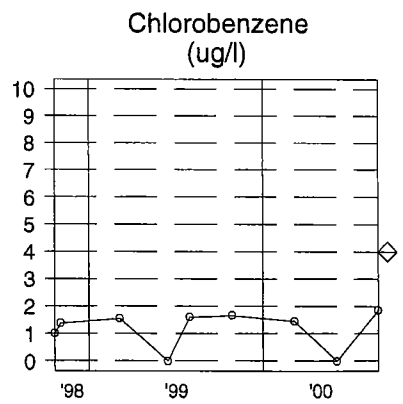

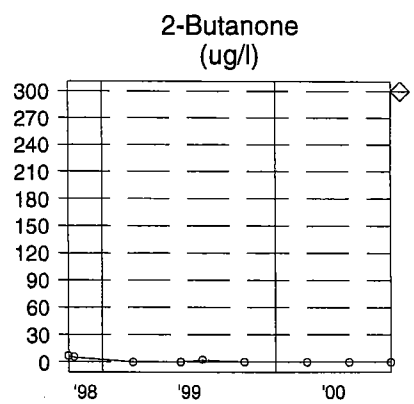

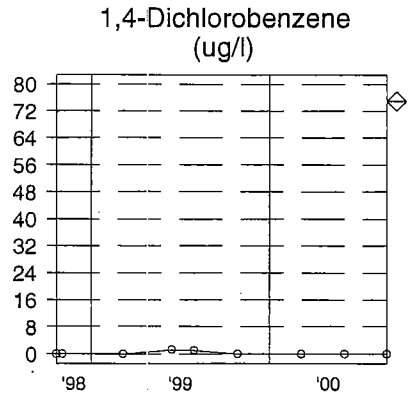

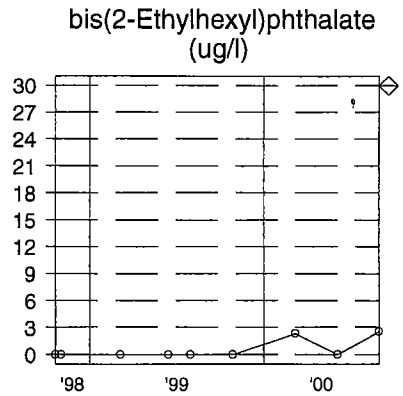

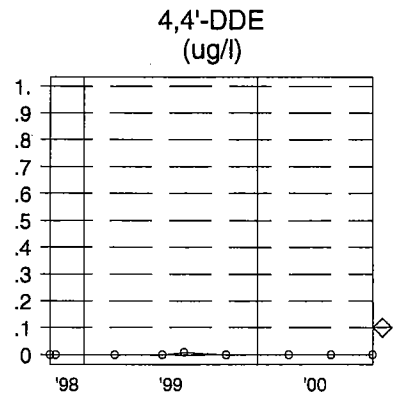

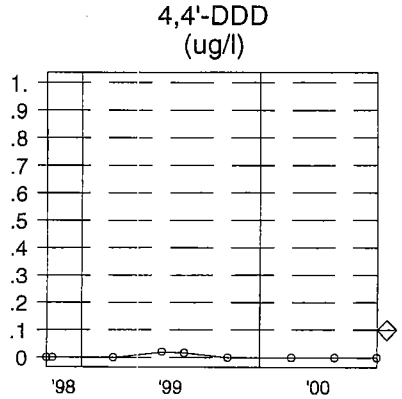

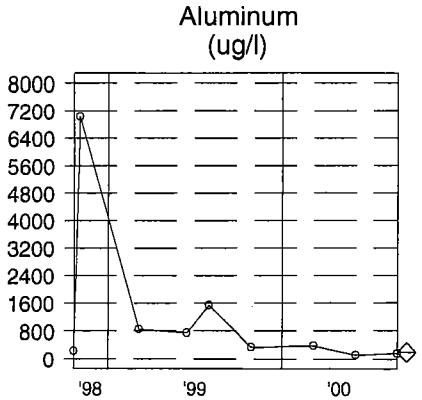

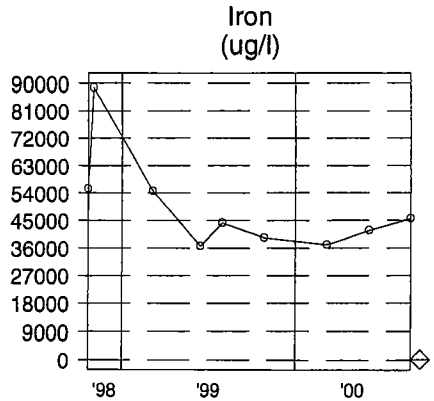

SOURCE: 00M3MW08

Sampling Dates:
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LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-22-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	2000	4	NLE	NLE	100	NLE	-
10/20/1998	FMETL	1100	5.12	4.61	429	ND	132000	37600	8.49	25900	V,S,P,M
11/02/1998	FMETL	511	19.7	6.41	749	ND	115000	19000	6.98	24400	V,S,P,M
03/01/1999	FMETL	768	9.22	4.68	271	ND	105000	24700	2.98	8910	V,S,P,M
06/11/1999	FMETL	645	2.53	ND	249	1.28	88600	16900	ND	7740	V,S,P,M
07/27/1999	FMETL	855	4.49	ND	404	0.95	122000	29000	2.90	11500	V,S,P,M
10/26/1999	FMETL	1210	2.63	3.26	559	0.897	214000	81000	2.25	22400	V,S,P,M
03/02/2000	FMETL	527	ND	ND	274	ND	87400	27400	5.3	9300	V,S,P,M
06/01/2000	FMETL	575	5.57	ND	233	ND	81300	19300	11.1	6610	V,S,P,M
08/28/2000	FMETL	722	2.29	2.54	352	ND	100000	19200	ND	7830	V,S,P,M

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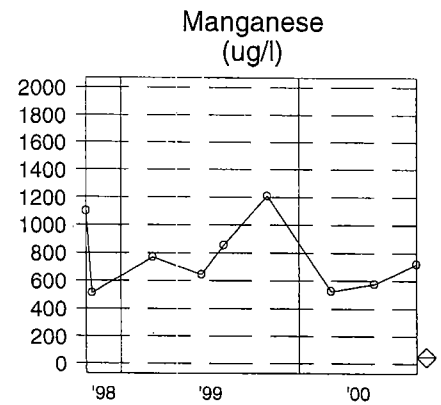
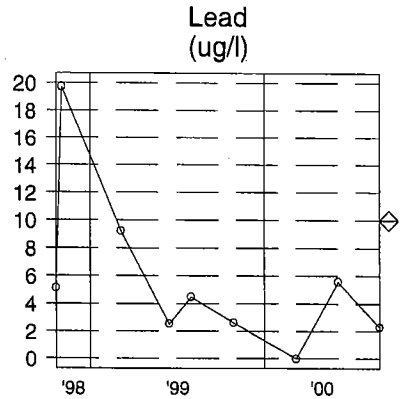
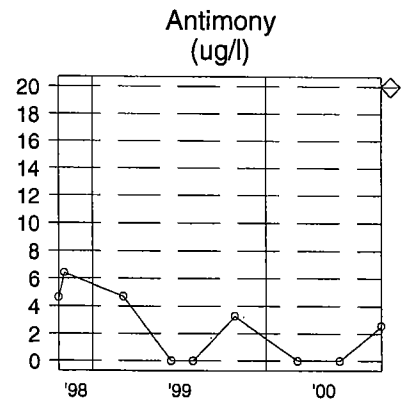
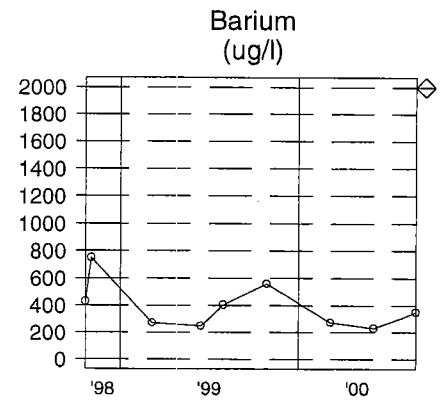
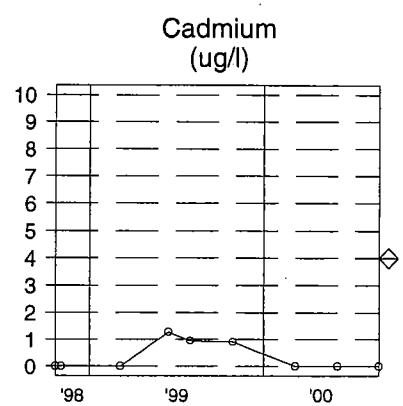
SELFM-PW-EV

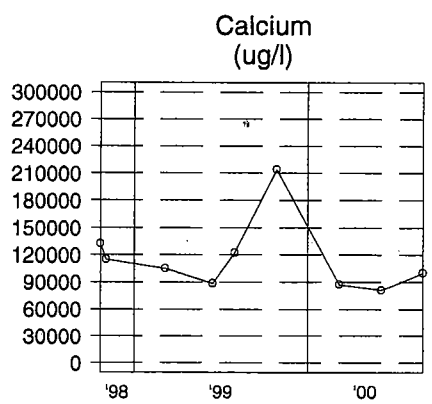


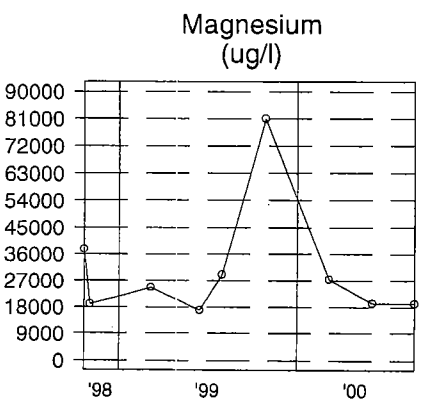


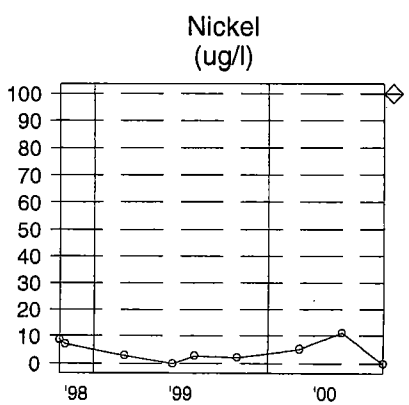


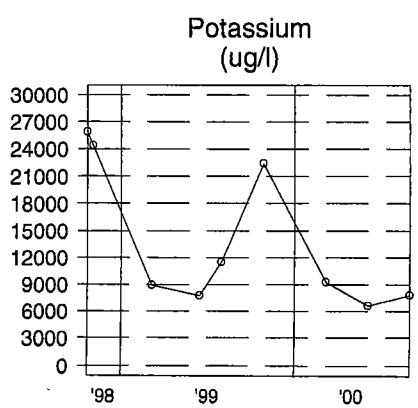












SOURCE: 00M3MW08

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FORT MONMOUTH
SELFM-PW-EV

09-22-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Sodium	Zinc	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	50000	5000	-							-
10/20/1998	FMETL	168000	220	7.16							V,S,P,M
11/02/1998	FMETL	12100	107	7.16							V,S,P,M
03/01/1999	FMETL	118000	143	5.71							V,S,P,M
06/11/1999	FMETL	60100	61.6	6.50							V,S,P,M
07/27/1999	FMETL	149000	91.8	6.93							V,S,P,M
10/26/1999	FMETL	593000	30.3	7.60							V,S,P,M
03/02/2000	FMETL	174000	54.7	6.23							V,S,P,M
06/01/2000	FMETL	69800	61.4	5.97							V,S,P,M
08/28/2000	FMETL	63200	35.7	5.65							V,S,P,M

SOURCE: 00M3MW08

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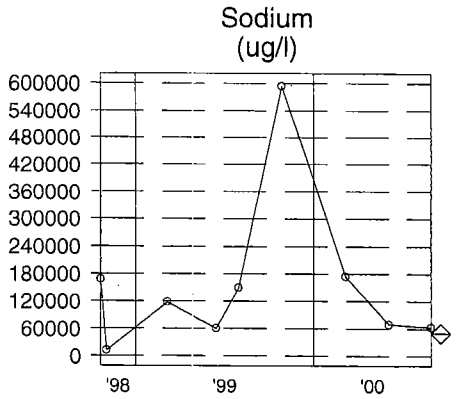

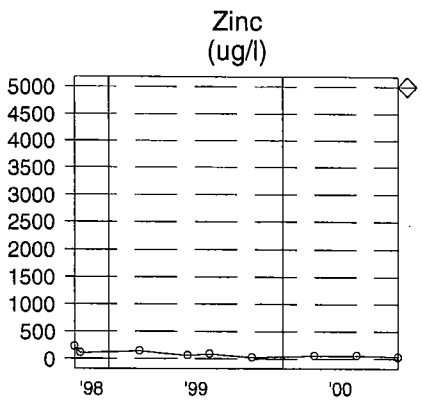

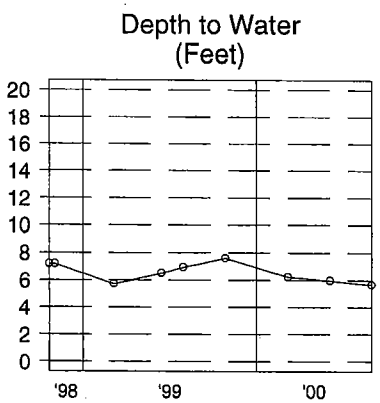

SOURCE: 00M3MW08

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FORT MONMOUTH
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	Lab	Acetone	Chloro benzene	2-Butanone	Benzene	1,4-Di chloro benzene	1,2-Di chloro benzene	bis(2-Ethyl hexyl) phthalate	4,4'-DDE	4,4'-DDT	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	1	75	600	30	0.1	0.1	-
10/07/1998	FMETL	4.66	16.36	6.53	1.18	2.73	1.07	ND	0.104	0.432	V,S,P,M
10/23/1998	FMETL	ND	17.33	ND	1.33	2.61	1.05	ND	0.02	0.038	V,S,P,M
03/01/1999	FMETL	ND	14.25	ND	ND	ND	ND	ND	0.026	0.023	V,S,P,M
06/11/1999	FMETL	ND	10.22	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
07/27/1999	FMETL	ND	11.69	ND	ND	2.00	ND	ND	ND	0.041	V,S,P,M
10/26/1999	FMETL	ND	17.37	ND	1.25	2.48	ND	ND	ND	ND	V,S,P,M
03/02/2000	FMETL	ND	15.64	ND	ND	2.27	ND	2.93	0.021	0.062	V,S,P,M
06/01/2000	FMETL	ND	15.39	ND	ND	2.51	ND	3.44	ND	ND	V,S,P,M
08/28/2000	FMETL	ND	20.54	ND	ND	1.87	ND	3.29	ND	ND	V,S,P,M

SOURCE: 00M3MW09

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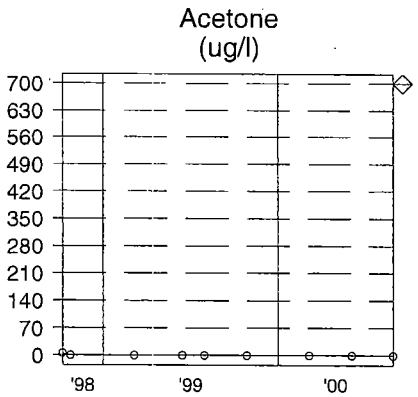
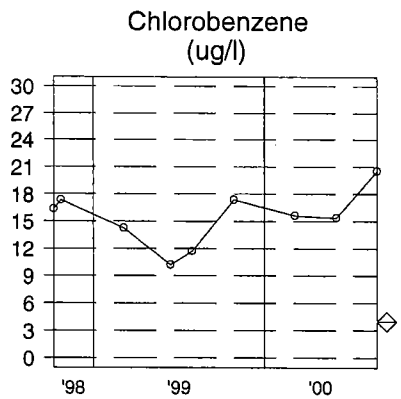
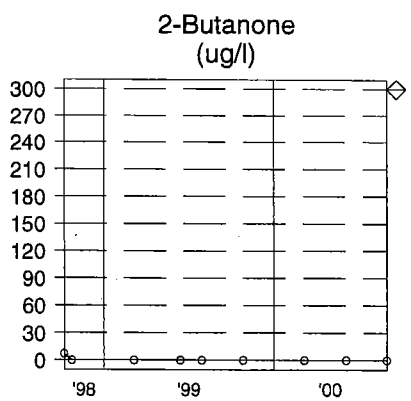
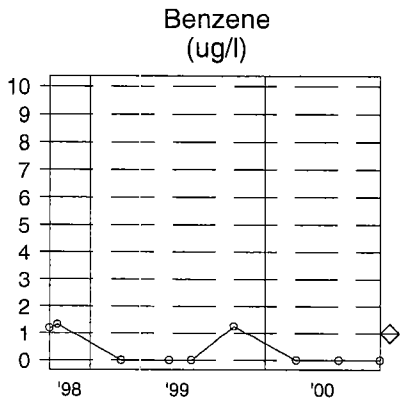
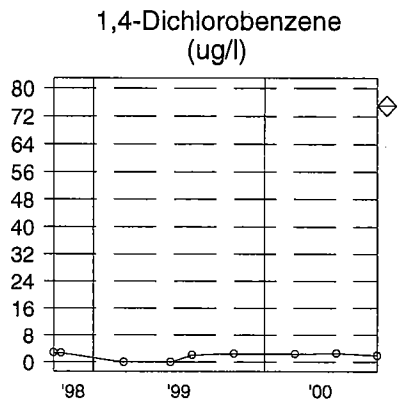
SELFM-PW-EV

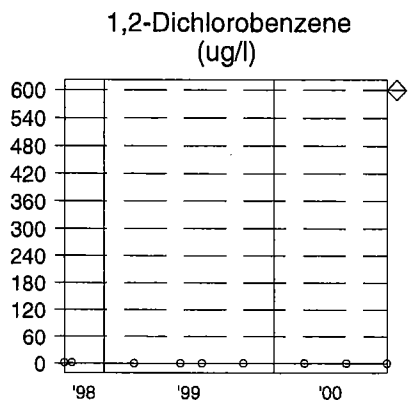


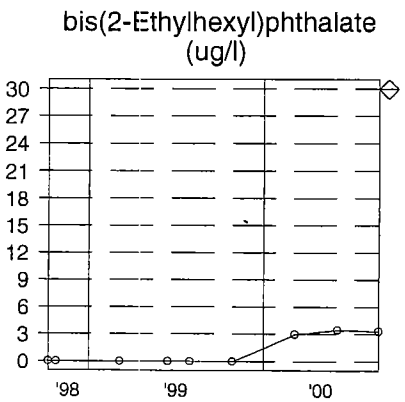


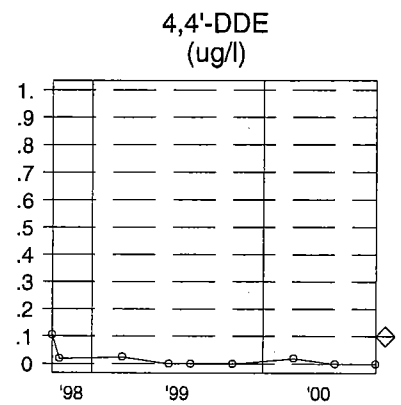


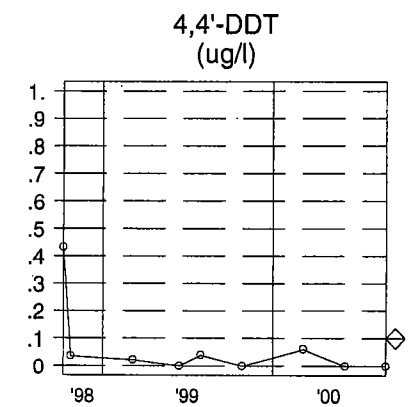












SOURCE: 00M3MW09

Sampling Dates:
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o = Date Sampled

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FORT MONMOUTH
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	Lab	4,4'-DDD	Aluminum	Iron	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	0.1	200	300	50	10	20	2000	4	NLE	-
10/07/1998	FMETL	0.713	1040	17400	90.9	ND	ND	73	ND	31200	V,S,P,M
10/23/1998	FMETL	0.132	1380	73900	476	32.7	3.7	371	ND	62600	V,S,P,M
03/01/1999	FMETL	0.167	337	60400	1740	8.46	4.91	430	1.26	82400	V,S,P,M
06/11/1999	FMETL	0.057	741	64100	595	10.6	ND	332	1.85	65400	V,S,P,M
07/27/1999	FMETL	0.108	ND	31.1	2.12	ND	ND	ND	ND	244	V,S,P,M
10/26/1999	FMETL	ND	832	82100	534	9.02	ND	401	3.58	66700	V,S,P,M
03/02/2000	FMETL	0.134	603	69800	772	2.32	ND	412	ND	72700	V,S,P,M
06/01/2000	FMETL	ND	202	70600	758	4.60	ND	414	ND	73800	V,S,P,M
08/28/2000	FMETL	ND	257	66500	723	4.72	ND	376	ND	71400	V,S,P,M

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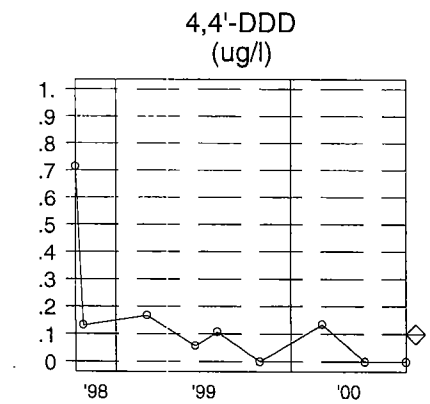

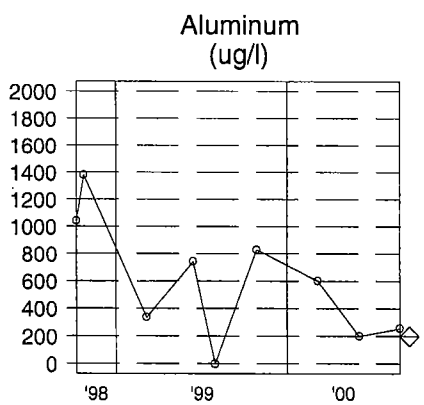

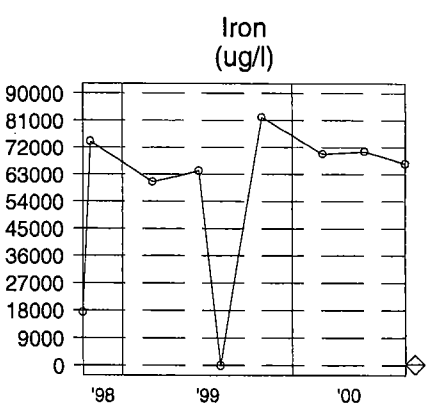

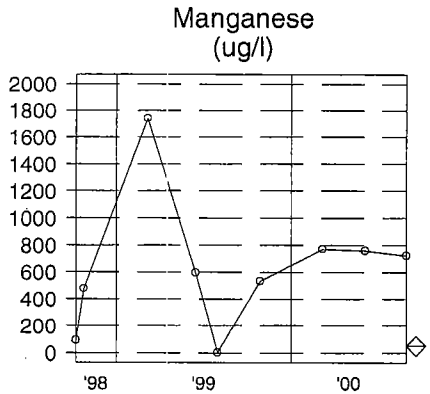

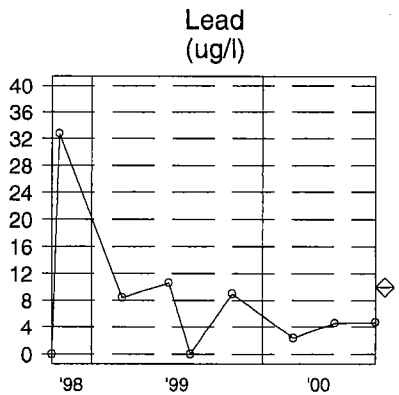

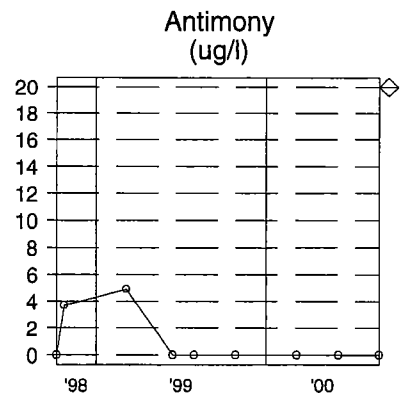

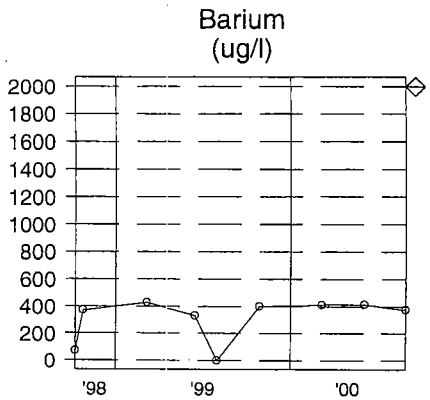

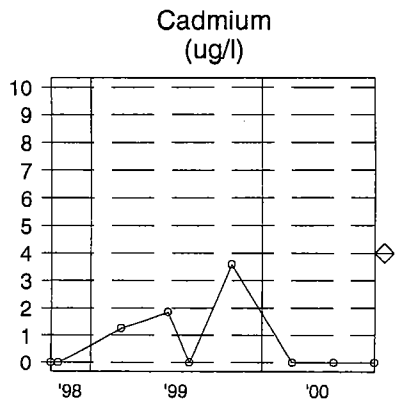

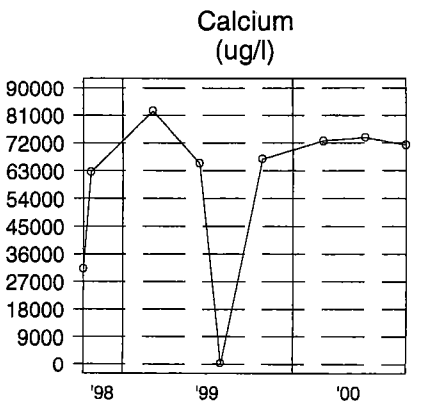

SOURCE: 00M3MW09

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U.S.ARMY
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SELFM-PW-EV

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	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/07/1998	FMETL	2520	ND	9390	2720	25	11.48				V,S,P,M
10/23/1998	FMETL	12900	3.14	13100	12100	60.6	11.74				V,S,P,M
03/01/1999	FMETL	19800	22.9	13600	46900	1150	10.75				V,S,P,M
06/11/1999	FMETL	13300	ND	9910	16300	109	11.37				V,S,P,M
07/27/1999	FMETL	54.5	1.15	292	575	7.07	11.52				V,S,P,M
10/26/1999	FMETL	14000	8.89	10900	27500	212	11.34				V,S,P,M
03/02/2000	FMETL	16100	1.17	9870	17300	84.6	11.23				V,S,P,M
06/01/2000	FMETL	15900	9.28	9480	23200	70.8	11.05				V,S,P,M
08/28/2000	FMETL	15100	ND	10300	14600	50.1	10.73				V,S,P,M

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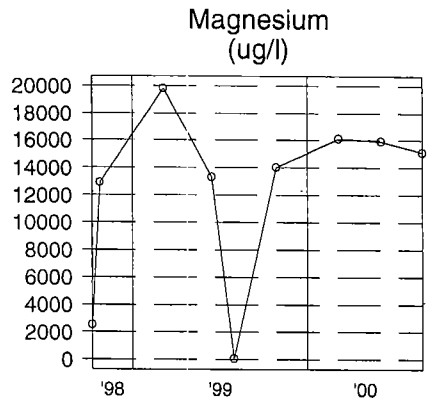

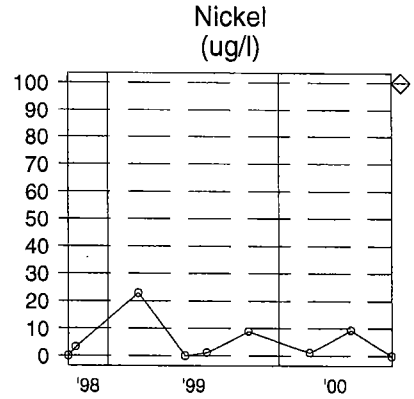

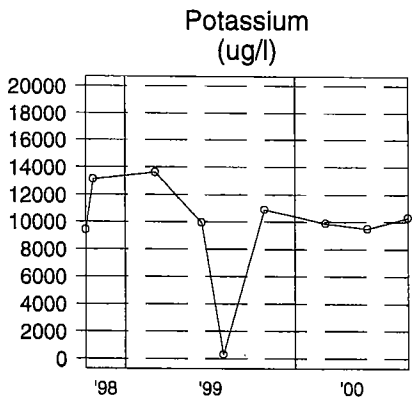

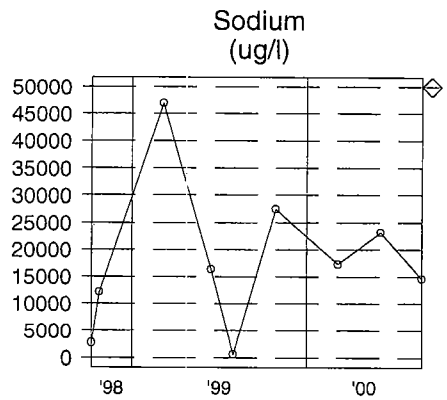

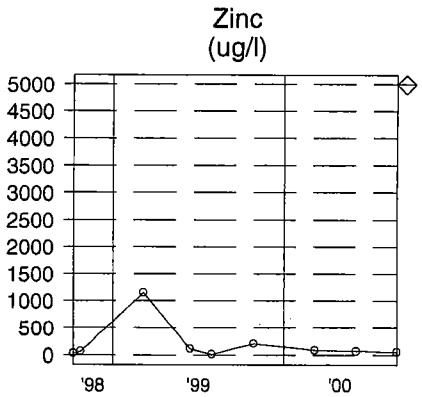

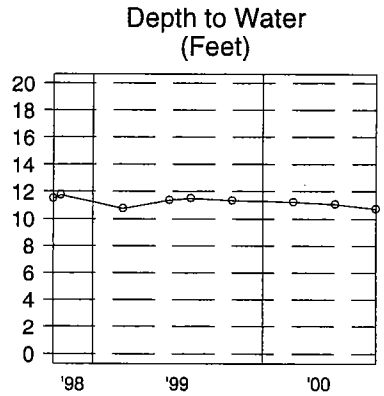

SOURCE: 00M3MW09

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FORT MONMOUTH
SELFM-PW-EV

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	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	Acenaph thene	Fluorene	bis(2-Ethyl hexyl) phthalate	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	400	300	30	200	300	-
10/20/1998	FMETL	7.87	17.07	5.16	1.78	ND	ND	ND	1960	57400	V,S,P,M
11/02/1998	FMETL	6.94	19.19	ND	2.05	ND	ND	ND	1570	61300	V,S,P,M
03/01/1999	FMETL	ND	20.08	ND	1.79	2.55	ND	ND	1540	103000	V,S,P,M
06/11/1999	FMETL	ND	16.27	14.14	ND	1.25	ND	ND	1180	66100	V,S,P,M
07/27/1999	FMETL	3.59	15.90	4.57	1.99	1.23	ND	ND	317	67700	V,S,P,M
10/26/1999	FMETL	ND	19.56	ND	2.13	1.78	1.33	ND	268	62300	V,S,P,M
03/02/2000	FMETL	ND	15.34	ND	1.89	1.18	1.04	2.06	2330	91200	V,S,P,M
06/01/2000	FMETL	ND	11.80	ND	1.45	1.40	1.02	2.15	187	62300	V,S,P,M
08/28/2000	FMETL	ND	18.05	ND	1.62	1.97	1.43	2.66	910	64400	V,S,P,M

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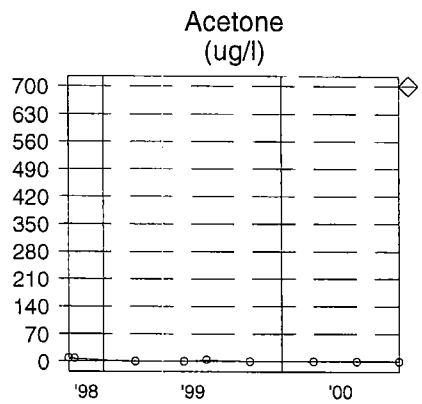

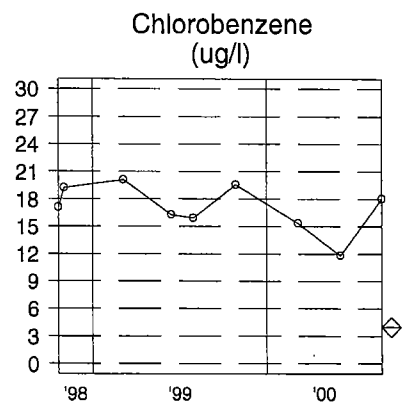

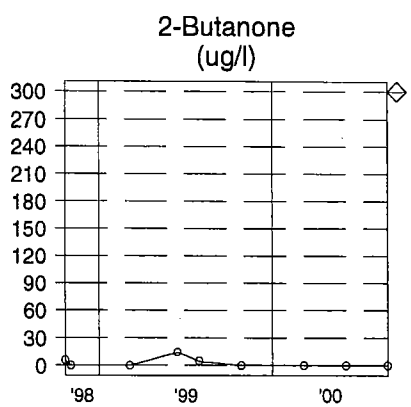

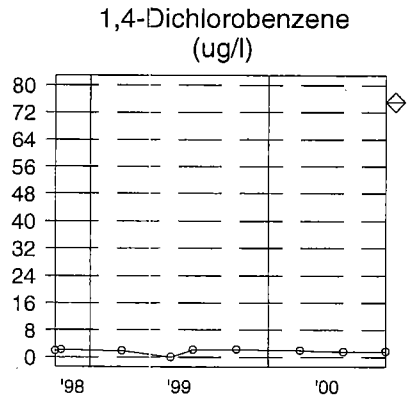

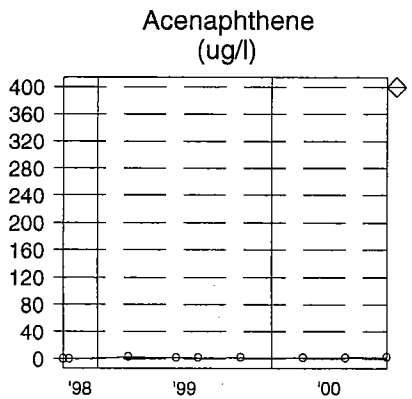

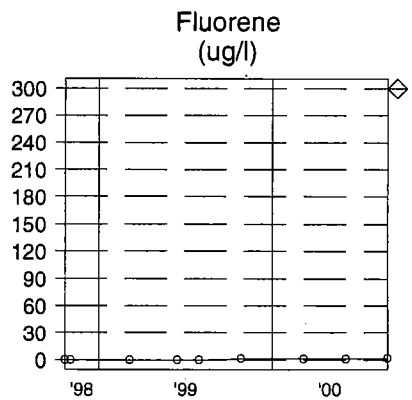

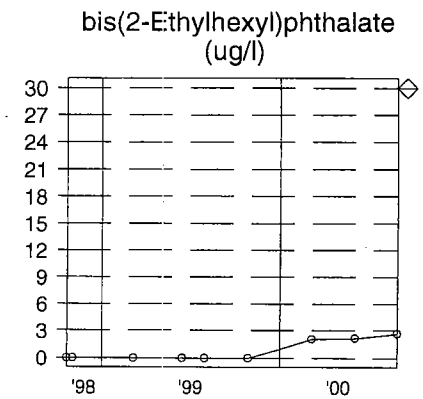

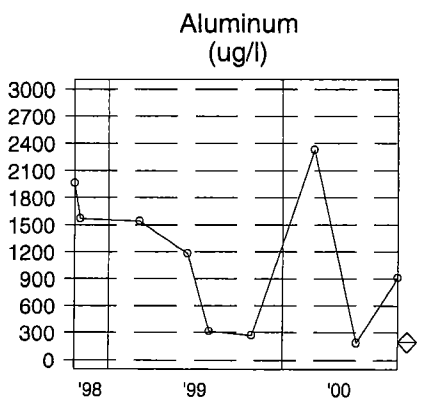

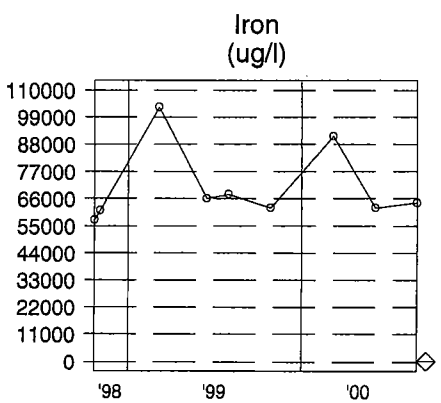

SOURCE: 00M3MW10

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PARAMETER

o = Date Sampled

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	Lab	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	2000	4	NLE	NLE	100	NLE	-
10/20/1998	FMETL	405	9.95	ND	561	ND	91700	14100	1.59	15000	V,S,P,M
11/02/1998	FMETL	993	9.2	4.67	513	ND	139000	37100	4.62	20600	V,S,P,M
03/01/1999	FMETL	761	9.86	2.79	947	ND	119000	19700	28	13500	V,S,P,M
06/11/1999	FMETL	708	2.58	ND	592	ND	108000	17300	ND	12800	V,S,P,M
07/27/1999	FMETL	866	7.30	ND	345	1.58	66200	13900	5.49	11900	V,S,P,M
10/26/1999	FMETL	662	ND	ND	635	ND	110000	17900	ND	12500	V,S,P,M
03/02/2000	FMETL	682	ND	ND	760	ND	95500	16200	1.62	10400	V,S,P,M
06/01/2000	FMETL	735	ND	2.32	678	ND	109000	17300	11.6	10300	V,S,P,M
08/28/2000	FMETL	564	1.60	ND	604	ND	104000	16200	ND	11700	V,S,P,M

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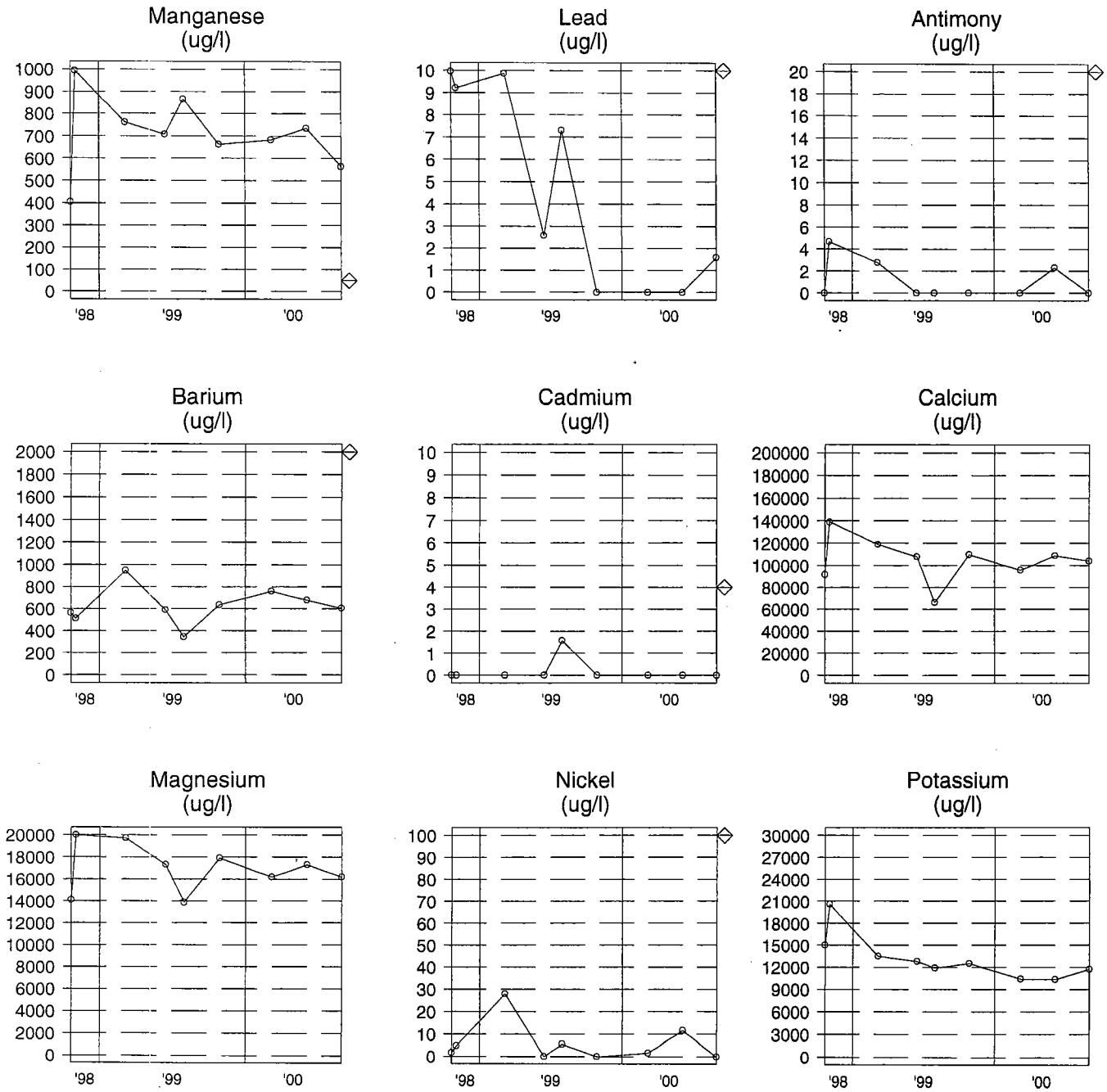

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	Lab	Sodium	Zinc	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	50000	5000	-							-
10/20/1998	FMETL	15500	35.2	6.11							V,S,P,M
11/02/1998	FMETL	154000	229	6.11							V,S,P,M
03/01/1999	FMETL	16500	144	5.03							V,S,P,M
06/11/1999	FMETL	17300	28.8	5.76							V,S,P,M
07/27/1999	FMETL	24900	91.5	6.08							V,S,P,M
10/26/1999	FMETL	25600	8.12	5.61							V,S,P,M
03/02/2000	FMETL	14400	83.8	5.30							V,S,P,M
06/01/2000	FMETL	14400	19.3	5.53							V,S,P,M
08/28/2000	FMETL	16200	42.2	5.31							V,S,P,M

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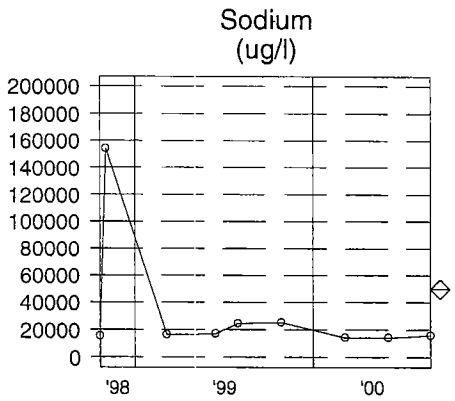
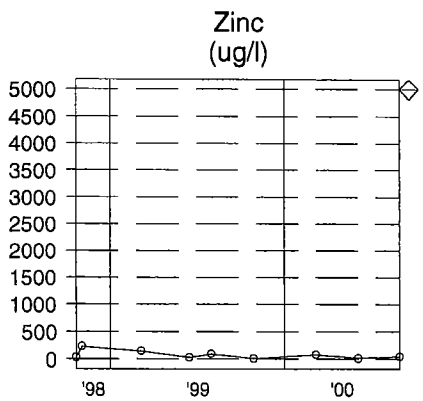
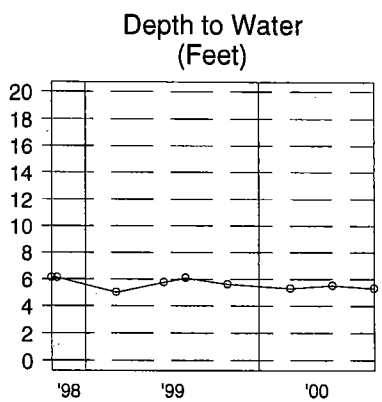






SOURCE: 00M3MW10

Sampling Dates:
10/20/1998 - 08/28/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 7 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-22-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	Acenaph thene	Fluorene	bis(2-Ethyl hexyl) phthalate	4,4'-DDE	4,4'-DDD	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	400	300	30	0.1	0.1	-
10/07/1998	FMETL	8.14	5.03	24.47	2.46	ND	ND	ND	ND	0.04	V,S,P,M
10/23/1998	FMETL	ND	5.56	4.23	2.6	ND	ND	ND	ND	ND	V,S,P,M
03/02/1999	FMETL	ND	2.66	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
06/11/1999	FMETL	ND	5.44	ND	1.57	1.14	1.18	ND	ND	0.079	V,S,P,M
07/27/1999	FMETL	ND	5.60	ND	2.99	1.21	1.19	ND	0.012	0.044	V,S,P,M
10/26/1999	FMETL	ND	6.28	ND	3.44	1.84	1.84	ND	ND	ND	V,S,P,M
03/02/2000	FMETL	ND	3.26	ND	1.40	ND	ND	ND	ND	ND	V,S,P,M
06/01/2000	FMETL	ND	3.56	ND	1.58	1.16	1.01	ND	ND	ND	V,S,P,M
06/01/2000D	FMETL	ND	3.50	ND	ND	1.32	1.14	ND	ND	ND	V,S,P,M
08/28/2000	FMETL	ND	3.27	ND	1.17	1.16	1.12	1.9	ND	ND	V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 08/28/2000

NOTES:

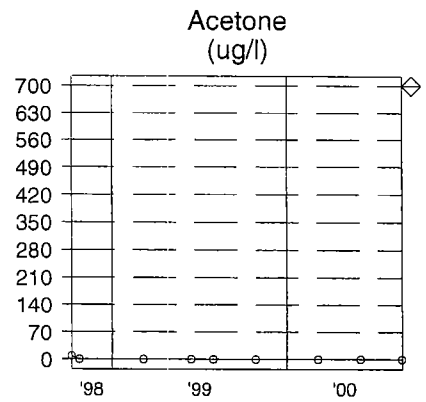
Page 1 of 3

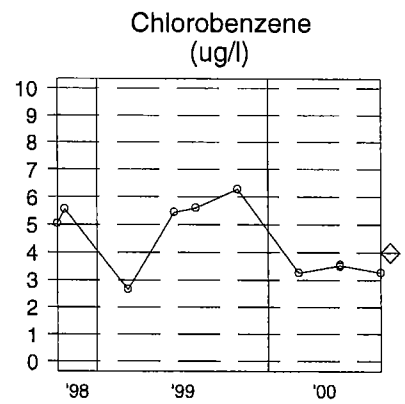
FORT MONMOUTH

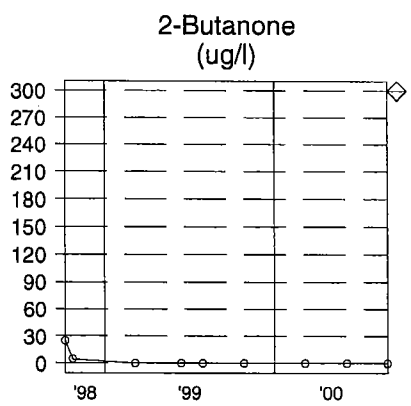
GW MONITORING
M-3

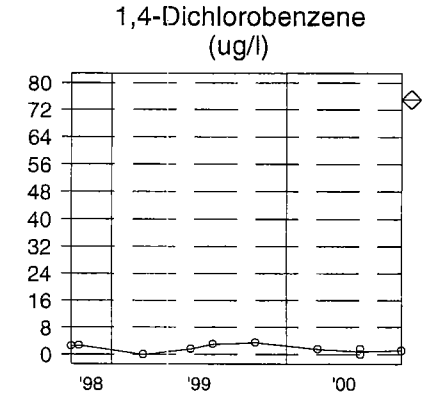
Source 8 of 8

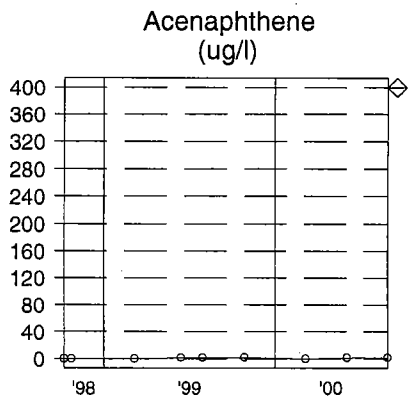
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

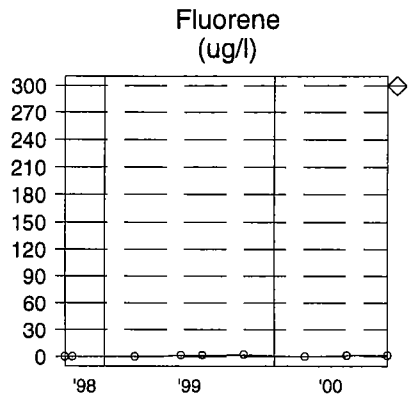


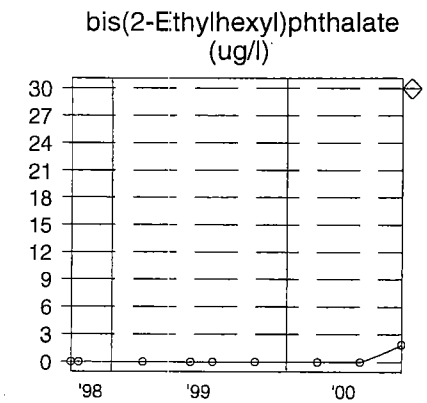


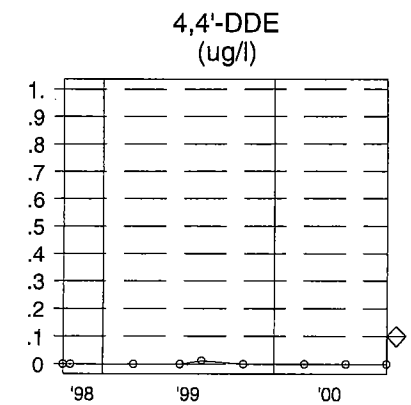


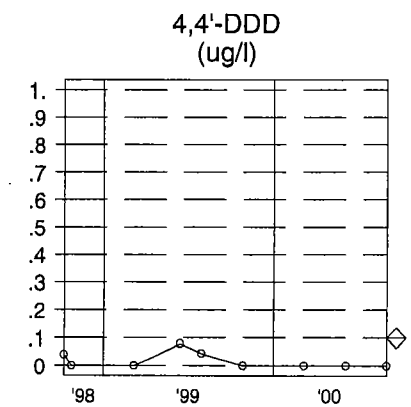












SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 08/28/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-22-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	200	300	50	10	20	20	2000	4	NLE	-
10/07/1998	FMETL	3480	62200	588	11	ND	ND	393	1.2	116000	V,S,P,M
10/23/1998	FMETL	500	49900	549	3.83	ND	2.52	341	ND	108000	V,S,P,M
03/02/1999	FMETL	6840	73200	1780	11.2	ND	4.45	279	12.3	185000	V,S,P,M
06/11/1999	FMETL	7620	82400	956	15.2	ND	ND	529	47.3	108000	V,S,P,M
07/27/1999	FMETL	7580	77800	897	22.3	ND	ND	472	14.6	117000	V,S,P,M
10/26/1999	FMETL	2750	65800	822	7.95	ND	ND	468	7.61	112000	V,S,P,M
03/02/2000	FMETL	1330	47300	1020	ND	1.74	ND	287	15	151000	V,S,P,M
06/01/2000	FMETL	2160	64800	1010	17.8	ND	2.68	436	19.1	133000	V,S,P,M
06/01/2000D	FMETL	1370	59300	1020	6.21	ND	2.69	408	11.7	134000	V,S,P,M
08/28/2000	FMETL	1250	50600	1890	4.17	3.56	ND	271	12.7	133000	V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 08/28/2000

NOTES:

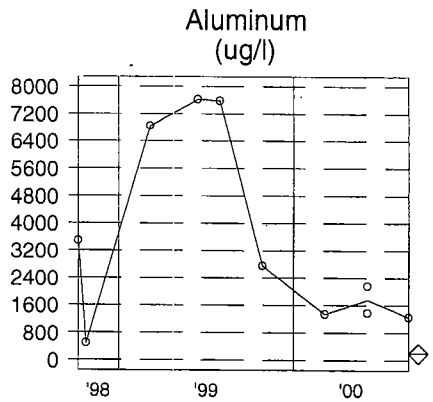
Page 2 of 3

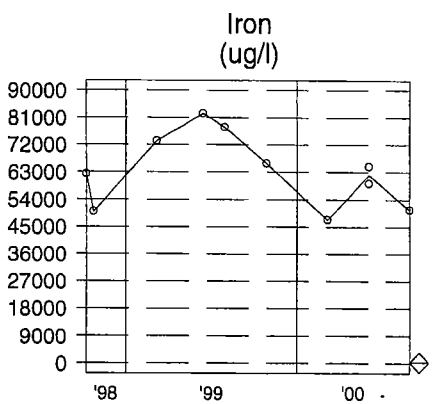
FORT MONMOUTH

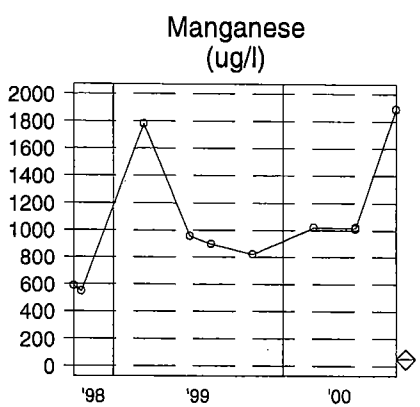
GW MONITORING
M-3

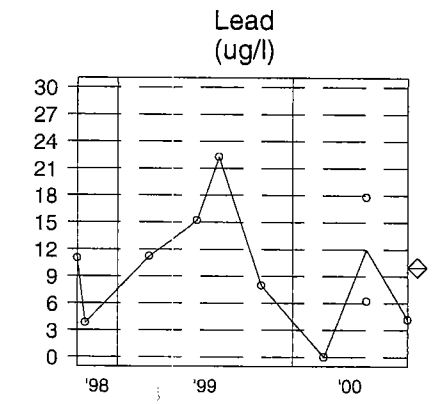
Source 8 of 8

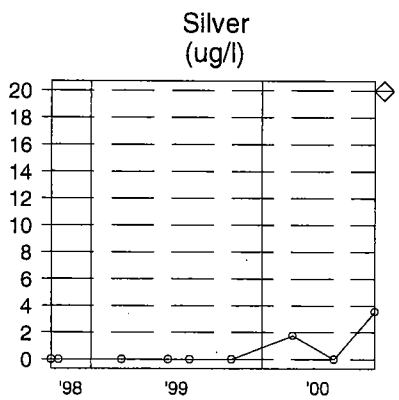
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

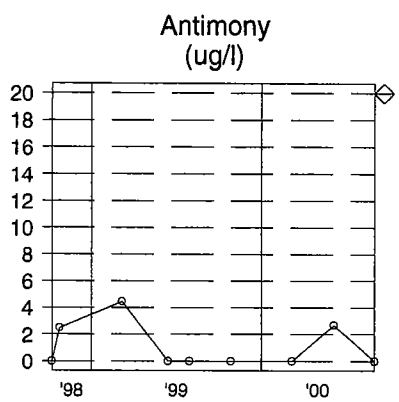


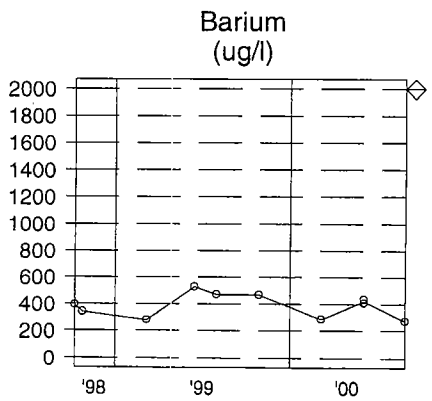


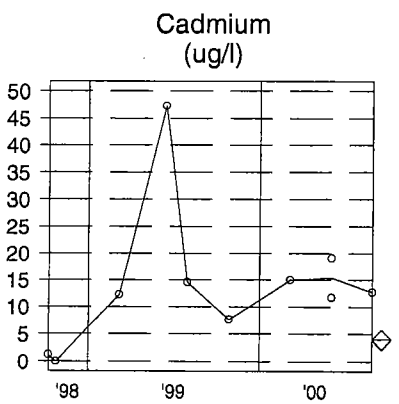


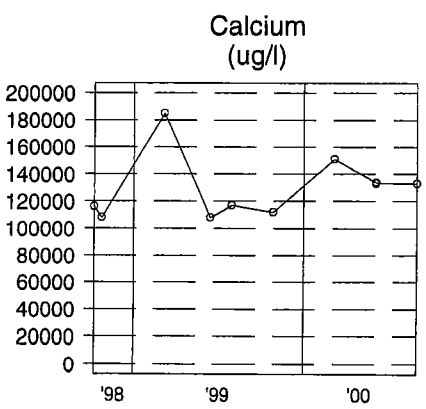












SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 08/28/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-22-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/07/1998	FMETL	10300	29	12100	13600	435	8.56				V,S,P,M
10/23/1998	FMETL	9020	6.2	8620	7180	98.2	8.63				V,S,P,M
03/02/1999	FMETL	14500	263	8110	14800	3350	7.65				V,S,P,M
06/11/1999	FMETL	10200	79.8	8430	10700	1850	8.27				V,S,P,M
07/27/1999	FMETL	11400	157	9960	10900	2320	8.55				V,S,P,M
10/26/1999	FMETL	9970	24.2	8450	11100	330	8.03				V,S,P,M
03/02/2000	FMETL	13000	359	7320	13200	6050	7.72				V,S,P,M
06/01/2000	FMETL	11300	104	6780	10200	1550	7.93				V,S,P,M
06/01/2000D	FMETL	11300	87.8	6600	10600	1140	7.93				V,S,P,M
08/28/2000	FMETL	11000	469	7090	11300	3850	8.73				V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 08/28/2000

NOTES:

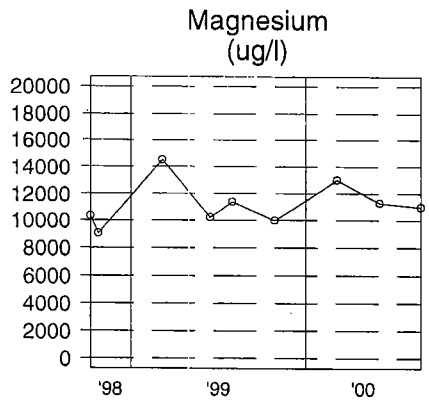
Page 3 of 3

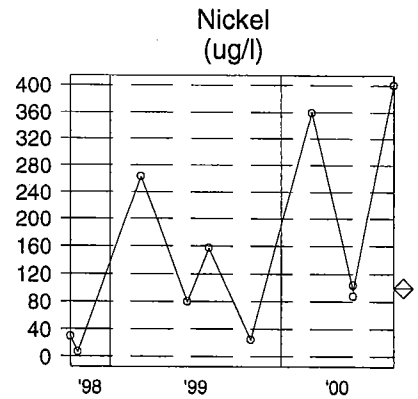
FORT MONMOUTH

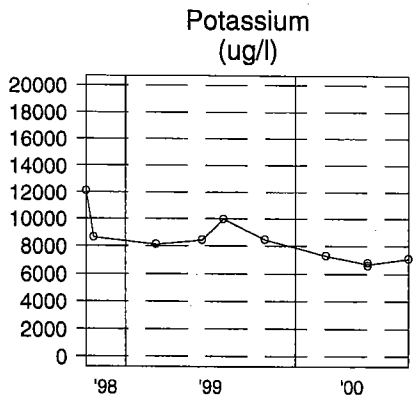
GW MONITORING
M-3

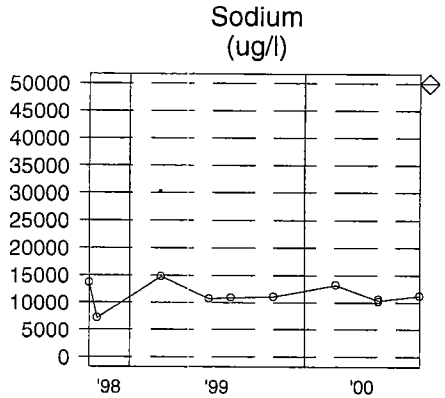
Source 8 of 8

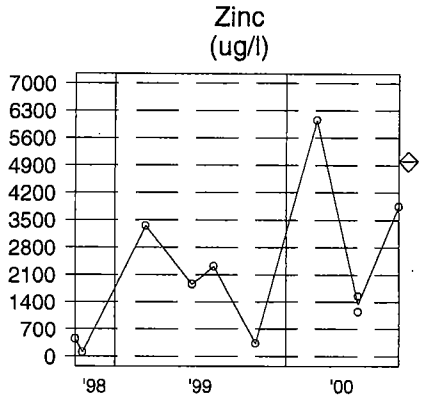
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

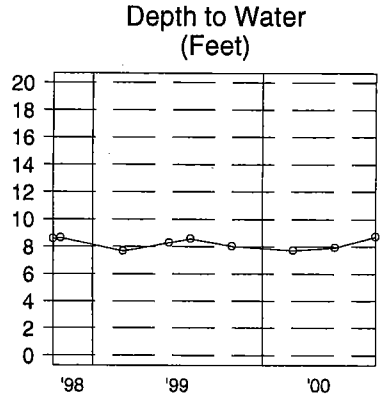












SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 08/28/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-22-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-3

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5837.04	00M3MW04	29-32568	11/07/00
5837.05	00M3MW05	29-32569	11/07/00
5837.06	00M3MW06	29-32570	11/07/00
5837.07	00M3MW07	29-39173	11/07/00
5837.08	00M3MW08	29-39174	11/07/00
5837.09	00M3MW09	29-39175	11/07/00
5837.10	00M3MW10	29-39176	11/07/00
5837.11	00M3MW11	29-39145	11/07/00

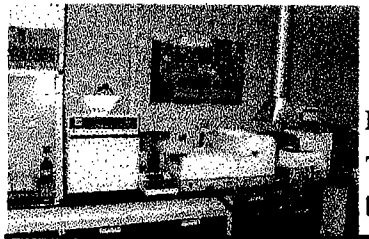
NJDEP Laboratory Certification # 13461

11-29-00

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X26223
(X)DERA ( )OMA ( )Other:
Project No:
Location: M3 4th Qtr '00
Samplers Name / Company: Corey McCormack, TUS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOTS	TAL mtls	Pest/PCB	BNA TCS				Hg Prep	Remarks / Preservation Method
5837 . .01	Trip	11/7/00	0737	AQ	2	✓							—	
.02	Field Blank		0830		5	✓	✓	✓	—				—	
.03	Dupe		—		5	✓	✓	✓	✓				—	
.04	M3 mw04		1154		5	✓	✓	✓	✓				0.0	29-32568
.05	M3 mw05		1125		5	✓	✓	✓	✓				0.0	29-32569
.06	M3 mw06		1119		5	✓	✓	✓	✓				0.0	29-32570
.07	M3 mw07*		0839		5	✓	✓	✓	✓				0.0	29-39173
.08	M3 mw08		0923		5	✓	✓	✓	✓				0.0	29-39174
.09	M3 mw09		0951		5	✓	✓	✓	✓				0.0	29-39175
.10	M3 mw10		1348		5	✓	✓	✓	✓				0.0	29-39176
.11	M3 mw11	↓	1308	↓	5	✓	✓	✓	✓				0.0	29-39145

Comments: HCL/HNO3/4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	11/7/00 1430	J. Fallon			
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, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: L

print legibly

Coc.xls10/12/00

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW#: 00M3MW04
NJDEP ID #: 29-32568
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/07/00
WEATHER: Sunny, cold.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 19.02 ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 12.91 ft
DEPTH OF WELL: 25.11 ft
DEPTH TO TOP OF SCREEN: 8.00 ft
HEIGHT OF WATER: 12.20 ft
(12.20) X .65 X 3 =23.79
GALLONS OF H2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:09
pH 6.47 su
TEMP 14.7 °C
DISSOLVED O2 5.80 ppm
SPECIFIC CONDUCTIVITY 21.4 us/cm

PURGE END TIME: 11:53
pH 6.40 su
TEMP 14.5 °C
DISSOLVED O2 4.09 ppm
SPECIFIC CONDUCTIVITY 21.2 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 13.39 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 11:54
pH 6.41 su
TEMP 14.5 °C
DISSOLVED O2 4.07 ppm
SPECIFIC CONDUCTIVITY 21.2 us/cm

SAMPLE END TIME: 11:59

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW#: 00M3MW05
NJDEP ID #: 29-32569
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/07/00
WEATHER: Sunny, cool.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 13.30 ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 9.00 ft
DEPTH OF WELL: 18.14 ft
DEPTH TO TOP OF SCREEN: 6.00 ft
HEIGHT OF WATER: 9.14 ft
(9.14) X .65 X 3 =17.82
GALLONS OF H2O TO BE PURGED: 18 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:06
pH 6.83 su
TEMP 16.8 °C
DISSOLVED O2 5.88 ppm
SPECIFIC CONDUCTIVITY 28.1 us/cm

PURGE END TIME: 11:24
pH 6.78 su
TEMP 16.5 °C
DISSOLVED O2 4.17 ppm
SPECIFIC CONDUCTIVITY 27.6 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 9.39 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 18 gal

SAMPLE START TIME: 11:25
pH 6.79 su
TEMP 16.6 °C
DISSOLVED O2 4.71 ppm
SPECIFIC CONDUCTIVITY 27.5 us/cm

SAMPLE END TIME: 11:33

COMMENTS: Odor, no Hnu reading.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW#: 00M3MW06
NJDEP ID #: 29-32570
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/07/00
WEATHER: Sunny, cool.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 12.42 ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 8.56 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 8.61 ft
(8.61) X .65 X 3 =16.78
GALLONS OF H2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:04
pH 6.83 su
DISSOLVED O2 5.91 ppm
TEMP 18.3 °C
SPECIFIC CONDUCTIVITY 31.3 us/cm

PURGE END TIME: 11:18
pH 6.78 su
DISSOLVED O2 4.09 ppm
TEMP 18.0 °C
SPECIFIC CONDUCTIVITY 29.3 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 10.38 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 11:19
pH 6.77 su
DISSOLVED O2 4.07 ppm
TEMP 18.1 °C
SPECIFIC CONDUCTIVITY 29.3 us/cm

SAMPLE END TIME: 11:25

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW# 00M3MW07
NJDEP ID #: 29-39173
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/07/00
WEATHER: Sunny, cool.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 10.71 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 9.61 ft
DEPTH OF WELL: 18.48 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 8.87 ft
(8.87) X .163 X 3 =4.337
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:21
pH 6.97 su
TEMP 15.7 °C
DISSOLVED O2 5.91 ppm
SPECIFIC CONDUCTIVITY 73.2 us/cm

PURGE END TIME: 08:38
pH 6.95 su
TEMP 15.3 °C
DISSOLVED O2 4.18 ppm
SPECIFIC CONDUCTIVITY 70.3 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 13.57 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 08:39
pH 6.94 su
TEMP 15.4 °C
DISSOLVED O2 4.17 ppm
SPECIFIC CONDUCTIVITY 70.1 us/cm

SAMPLE END TIME: 08:49

COMMENTS: DUP. here, Particles.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW# 00M3MW08
NJDEP ID #: 29-39174
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/07/00
WEATHER: Sunny, cool.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 9.24 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 6.17 ft
DEPTH OF WELL: 15.23 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 9.06 ft
(9.06) X .163 X 3 =4.43
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTATLIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:05
pH 6.87 su
DISSOLVED O2 5.87 ppm
TEMP 16.6 °C
SPECIFIC CONDUCTIVITY 43.1 us/cm

PURGE END TIME: 09:22
pH 6.82 su
DISSOLVED O2 4.13 ppm
TEMP 16.4 °C
SPECIFIC CONDUCTIVITY 42.3 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 6.36 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 09:23
pH 6.82 su
DISSOLVED O2 4.10 ppm
TEMP 16.5 °C
SPECIFIC CONDUCTIVITY 42.2 us/cm

SAMPLE END TIME: 09:29

COMMENTS: Cloudy.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW# 00M3MW09
NJDEP ID #: 29-39175
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/07/00
WEATHER: Sunny, cool.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 8.84 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 11.29 ft
DEPTH OF WELL: 16.95 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 5.66 ft
(5.66) X .163 X 3 =2.76
GALLONS OF H2O TO BE PURGED: 3 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:37
pH 6.79 su
DISSOLVED O2 5.94 ppm
TEMP 17.6 °C
SPECIFIC CONDUCTIVITY 33.9 us/cm

PURGE END TIME: 09:50
pH 6.77 su
DISSOLVED O2 4.29 ppm
TEMP 17.3 °C
SPECIFIC CONDUCTIVITY 33.7 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 11.61 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 3 gal

SAMPLE START TIME: 09:51
pH 6.77 su
DISSOLVED O2 4.27 ppm
TEMP 17.4 °C
SPECIFIC CONDUCTIVITY 33.7 us/cm

SAMPLE END TIME: 09:59

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW# 00M3MW10
NJDEP ID #: 29-39176
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/07/00
WEATHER: Sunny, cool.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 9.71 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 5.85 ft
DEPTH OF WELL: 16.05 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 10.20 ft
(10.20) X .163 X 3 =4.98
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:25
pH 6.81 su
DISSOLVED O2 5.92 ppm
TEMP 16.3 °C
SPECIFIC CONDUCTIVITY 28.7 us/cm

PURGE END TIME: 13:47
pH 6.78 su
DISSOLVED O2 4.13 ppm
TEMP 16.0 °C
SPECIFIC CONDUCTIVITY 27.8 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 6.21 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 13:48
pH 6.77 su
DISSOLVED O2 4.11 ppm
TEMP 16.1 °C
SPECIFIC CONDUCTIVITY 27.7 us/cm

SAMPLE END TIME: 13:58

COMMENTS: Cloudy, paricles.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-3
MW# 00M3MW11
NJDEP ID #: 29-39145
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/07/00
WEATHER: Sunny, cool.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 12.08 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 8.05 ft
DEPTH OF WELL: 16.50 ft
DEPTH TO TOP OF SCREEN: 2.00 ft
HEIGHT OF WATER: 8.45 ft
(8.45) X .163 X 3 =4.13
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:50
pH 6.99 su
DISSOLVED O2 5.78 ppm
TEMP 16.3 °C
SPECIFIC CONDUCTIVITY 24.7 us/cm

PURGE END TIME: 13:07
pH 6.97 su
DISSOLVED O2 4.01 ppm
TEMP 16.0 °C
SPECIFIC CONDUCTIVITY 24.0 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 8.13 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 13:08
pH 6.98 su
DISSOLVED O2 4.00 ppm
TEMP 16.1 °C
SPECIFIC CONDUCTIVITY 23.9 us/cm

SAMPLE END TIME: 13:18

COMMENTS: Cloudy, particles.

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	**:**	**Method Detection Limit**
J	**:**	**Compound identified below detection limit**
B	**:**	**Compound found in blank**
D	**:**	**Results are from a dilution of the sample**
U	**:**	**Compound searched for but not detected**
E	**:**	**Compound exceeds calibration limit**
PQL	**:**	**Practical Quantitation Limit**
NLE	**:**	**No limit established**
RT	**:**	**Retention time**

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC004319.D**	Sample Name	**Vblk120**
Operator	**Skelton**	Field ID	**Vblk120**
Date Aquired	**7-Nov-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

11/13/00 2:34 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk120**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk120

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC004319.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: not dec. Date Analyzed: 11/7/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC004331.D**	Sample Name	**5837.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**8-Nov-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.20	142206	1.38 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

11/13/00 2:34 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC004331.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: not dec. Date Analyzed: 11/8/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC004332.D**	Sample Name	**5837.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**8-Nov-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.22	133834	1.33 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC004332.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: not dec. Date Analyzed: 11/8/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC004333.D**	Sample Name	**5837.03**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**8-Nov-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride	5.05	2283246	17.69 ug/L	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	8.91	232240	4.83 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.77	1566741	15.47 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC004333.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: not dec. Date Analyzed: 11/8/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC004334.D**	Sample Name	**5837.04**
Operator	**Skelton**	Field ID	**00M3MW04**
Date Aquired	**8-Nov-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	8.90	243786	5.16 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M3MW04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC004334.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: not dec. Date Analyzed: 11/8/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC004335.D**	Sample Name	**5837.05**
Operator	**Skelton**	Field ID	**00M3MW05**
Date Aquired	**8-Nov-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.35	1228562	5.41 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M3MW05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC004335.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: not dec. Date Analyzed: 11/8/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC004336.D**	Sample Name	**5837.06**
Operator	**Skelton**	Field ID	**00M3MW06**
Date Aquired	**8-Nov-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	8.91	312929	6.55 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.35	593258	2.52 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M3MW06**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC004336.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: not dec. Date Analyzed: 11/8/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC004337.D**	Sample Name	**5837.07**
Operator	**Skelton**	Field ID	**00M3MW07**
Date Aquired	**8-Nov-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride	5.06	2384155	17.64 ug/L	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	8.91	396459	7.88 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.77	1677167	15.81 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M3MW07**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC004337.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: not dec. Date Analyzed: 11/8/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC004338.D**	Sample Name	**5837.08**
Operator	**Skelton**	Field ID	**00M3MW08**
Date Aquired	**8-Nov-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	8.91	208596	4.34 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.35	480217	2.08 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M3MW08**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC004338.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: not dec. Date Analyzed: 11/8/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC004339.D**	Sample Name	**5837.09**
Operator	**Skelton**	Field ID	**00M3MW09**
Date Aquired	**8-Nov-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	8.91	204083	4.22 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.35	3748389	16.01 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	235536	1.46 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M3MW09**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC004339.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: not dec. Date Analyzed: 11/8/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC004345.D**	Sample Name	**5837.10**
Operator	**Skelton**	Field ID	**00M3MW10**
Date Aquired	**8-Nov-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	8.90	363159	7.00 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.35	4730319	18.59 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	241709	1.38 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M3MW10**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC004345.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: not dec. Date Analyzed: 11/8/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC004341.D**	Sample Name	**5837.11**
Operator	**Skelton**	Field ID	**00M3MW11**
Date Aquired	**8-Nov-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.35	1445632	5.65 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	505989	2.87 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	33.96	223024	1.30 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M3MW11**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC004341.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: not dec. Date Analyzed: 11/8/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04636.D**	Sample Name	**Sblk435**
Operator	**Bhaskar**	Misc Info	**Sblk435 A 001108**
Date Acquired	**8-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04636.D**	Sample Name	**Sblk435**
Operator	**Bhaskar**	Misc Info	**Sblk435 A 001108**
Date Acquired	**8-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Sblk435**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Sblk435

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04636.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 11/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/8/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.44	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04646.D**	Sample Name	**5837.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**8-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04646.D**	Sample Name	**5837.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**8-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04646.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 11/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/8/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.44	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04647.D**	Sample Name	**5837.03**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**8-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04647.D**	Sample Name	**5837.03**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**8-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04647.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 11/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/8/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.44	5	J
2. 000105-60-2	Caprolactam	14.82	5	JN
3. 000057-10-3	Hexadecanoic acid	23.07	4	JN
4. 000112-80-1	Oleic Acid	24.81	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04648.D**	Sample Name	**5837.04**
Operator	**Bhaskar**	Misc Info	**M3MW04**
Date Acquired	**8-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04648.D**	Sample Name	**5837.04**
Operator	**Bhaskar**	Misc Info	**M3MW04**
Date Acquired	**8-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04648.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 11/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/8/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.44	5	J
2.	unknown	30.48	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04649.D**	Sample Name	**5837.05**
Operator	**Bhaskar**	Misc Info	**M3MW05**
Date Acquired	**8-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene	15.51	23056	1.40 ug/L	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene	18.15	22349	1.47 ug/L	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04649.D**	Sample Name	**5837.05**
Operator	**Bhaskar**	Misc Info	**M3MW05**
Date Acquired	**8-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene	19.41	17805	1.03 ug/L	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.36	59881	3.12 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04649.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 11/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/8/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 6

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000300-57-2	Benzene, 2-propenyl-	11.24	6	JN
2. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	12.03	6	JN
3.	unknown	13.18	6	J
4.	unknown	20.10	5	J
5. 000080-05-7	Phenol, 4,4'-(1-methylethylidene)	25.43	7	JN
6.	unknown	30.48	10	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04650.D**	Sample Name	**5837.06**
Operator	**Bhaskar**	Misc Info	**M3MW06**
Date Acquired	**8-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04650.D**	Sample Name	**5837.06**
Operator	**Bhaskar**	Misc Info	**M3MW06**
Date Acquired	**8-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW06**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04650.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 11/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/8/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.44	6	J
2. 000496-11-7	Indane	11.24	11	JN
3. 000105-60-2	Caprolactam	14.85	4	JN
4.	unknown	30.48	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04651.D**	Sample Name	**5837.07**
Operator	**Bhaskar**	Misc Info	**M3MW07**
Date Acquired	**9-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04651.D**	Sample Name	**5837.07**
Operator	**Bhaskar**	Misc Info	**M3MW07**
Date Acquired	**9-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW07**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.07

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04651.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 11/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/9/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.44	6	J
2. 000105-60-2	Caprolactam	14.83	9	JN
3. 000057-10-3	Hexadecanoic acid	23.07	4	JN
4. 000112-80-1	Oleic Acid	24.82	5	JN
5.	unknown	30.48	13	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04652.D**	Sample Name	**5837.08**
Operator	**Bhaskar**	Misc Info	**M3MW08**
Date Acquired	**9-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04652.D**	Sample Name	**5837.08**
Operator	**Bhaskar**	Misc Info	**M3MW08**
Date Acquired	**9-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.35	40794	1.91 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW08**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.08

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04652.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 11/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/9/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.44	6	J
2. 004727-18-8	Cyclopentadecanone, 2-hydroxy-	30.48	10	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04653.D**	Sample Name	**5837.09**
Operator	**Bhaskar**	Misc Info	**M3MW09**
Date Acquired	**9-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene	10.88	16069	1.67 ug/L	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04653.D**	Sample Name	**5837.09**
Operator	**Bhaskar**	Misc Info	**M3MW09**
Date Acquired	**9-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.36	65174	3.13 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW09**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.09

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04653.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 11/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/9/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.44	6	J
2.	unknown	11.25	4	J
3. 000105-60-2	Caprolactam	14.84	5	JN
4. 000101-83-7	Cyclohexanamine, N-cyclohexyl-	17.34	24	JN
5. 000101-83-7	Cyclohexanamine, N-cyclohexyl-	17.42	13	JN
6.	unknown	30.48	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04654.D**	Sample Name	**5837.10**
Operator	**Bhaskar**	Misc Info	**M3MW10**
Date Acquired	**9-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene	10.88	10970	1.07 ug/L	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene	18.15	31916	1.81 ug/L	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04654.D**	Sample Name	**5837.10**
Operator	**Bhaskar**	Misc Info	**M3MW10**
Date Acquired	**9-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene	19.41	24029	1.19 ug/L	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.36	35484	1.60 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW10**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.10

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04654.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 11/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/9/00

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.44	6	J
2.	unknown	11.24	6	J
3. 000767-58-8	Indan, 1-methyl-	13.18	4	JN
4. 000105-60-2	Caprolactam	14.85	6	JN
5. 000581-40-8	Naphthalene, 2,3-dimethyl-	17.23	6	JN
6.	unknown	20.11	6	J
7. 000934-34-9	2(3H)-Benzothiazolone	20.33	4	JN
8. 000080-39-7	Benzenesulfonamide, N-ethyl-4-	20.80	6	JN
9. 000080-05-7	Phenol, 4,4'-(1-methylethylidene)	25.43	6	JN
10.	unknown	30.48	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04655.D**	Sample Name	**5837.11**
Operator	**Bhaskar**	Misc Info	**M3MW11**
Date Acquired	**9-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene	10.89	12379	1.27 ug/L	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene	18.15	24312	1.44 ug/L	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04655.D**	Sample Name	**5837.11**
Operator	**Bhaskar**	Misc Info	**M3MW11**
Date Acquired	**9-Nov-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene	19.40	25464	1.32 ug/L	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.35	29697	1.39 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW11**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5837 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5837.11

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04655.D

Level: (low/med) LOW Date Received: 11/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 11/8/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/9/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.44	5	J
2. 000105-60-2	Caprolactam	14.85	4	JN
3. 003687-45-4	9-Octadecenoic acid (Z)-, 9-octad	35.93	6	JN

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK624
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/14/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5837.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/7/00
	Bldg. 173	**Extraction Date:**	11/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/14/00
Analysis:	EPA Method 608	**Location :**	M3
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5837.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/7/00
	Bldg. 173	**Extraction Date:**	11/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/14/00
Analysis:	EPA Method 608	**Location :**	M3
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5837.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/7/00
	Bldg. 173	**Extraction Date:**	11/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/14/00
Analysis:	EPA Method 608	**Location :**	M3
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5837.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/7/00
	Bldg. 173	**Extraction Date:**	11/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/14/00
Analysis:	EPA Method 608	**Location :**	M3
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5837.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/7/00
	Bldg. 173	**Extraction Date:**	11/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/14/00
Analysis:	EPA Method 608	**Location :**	M3
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5837.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/7/00
	Bldg. 173	**Extraction Date:**	11/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/14/00
Analysis:	EPA Method 608	**Location :**	M3
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5837.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/7/00
	Bldg. 173	**Extraction Date:**	11/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/14/00
Analysis:	EPA Method 608	**Location :**	M3
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5837.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/7/00
	Bldg. 173	**Extraction Date:**	11/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/14/00
Analysis:	EPA Method 608	**Location :**	M3
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5837.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/7/00
	Bldg. 173	**Extraction Date:**	11/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/14/00
Analysis:	EPA Method 608	**Location :**	M3
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5837.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/7/00
	Bldg. 173	**Extraction Date:**	11/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/14/00
Analysis:	EPA Method 608	**Location :**	M3
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5837
Sample Prepared: 11/15/00

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/15/00	ND	200	10.0
Antimony	11/15/00	ND	20	2.0
Arsenic	11/15/00	ND	8	2.0
Barium	11/15/00	ND	2000	0.5
Beryllium	11/15/00	ND	20	0.5
Cadmium	11/15/00	ND	4	0.5
Calcium	11/15/00	143	NLE	20.0
Chromium	11/15/00	ND	100	0.5
Cobalt	11/15/00	ND	NLE	0.5
Copper	11/15/00	ND	1000	2.0
Iron	11/15/00	44.1	300	10.0
Lead	11/15/00	ND	10	1.0
Magnesium	11/15/00	ND	NLE	10.0
Manganese	11/15/00	ND	50	0.5
Mercury	11/16/00	ND	2	0.1
Nickel	11/15/00	ND	100	1.0
Potassium	11/15/00	ND	NLE	40.0
Selenium	11/15/00	ND	50	3.0
Silver	11/15/00	ND	20	1.0
Sodium	11/15/00	813	50000	20.0
Thallium	11/15/00	ND	10	2.0
Vanadium	11/15/00	ND	NLE	0.5
Zinc	11/15/00	29.8	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5837.02
Sample Received: 11/07/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/15/00	ND	200	10.0
Antimony	11/15/00	ND	20	2.0
Arsenic	11/15/00	ND	8	2.0
Barium	11/15/00	ND	2000	0.5
Beryllium	11/15/00	ND	20	0.5
Cadmium	11/15/00	ND	4	0.5
Calcium	11/15/00	121	NLE	20.0
Chromium	11/15/00	ND	100	0.5
Cobalt	11/15/00	ND	NLE	0.5
Copper	11/15/00	ND	1000	2.0
Iron	11/15/00	51.0	300	2.0
Lead	11/15/00	ND	10	1.0
Magnesium	11/15/00	50.5	NLE	10.0
Manganese	11/15/00	ND	50	0.5
Mercury	11/16/00	ND	2	0.1
Nickel	11/15/00	ND	100	1.0
Potassium	11/15/00	ND	NLE	40.0
Selenium	11/15/00	ND	50	3.0
Silver	11/15/00	ND	20	1.0
Sodium	11/15/00	495	50000	20.0
Thallium	11/15/00	ND	10	2.0
Vanadium	11/15/00	ND	NLE	0.5
Zinc	11/15/00	ND	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5837.03
Sample Received: 11/07/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/15/00	685	200	10.0
Antimony	11/15/00	ND	20	2.0
Arsenic	11/15/00	ND	8	2.0
Barium	11/15/00	302	2000	0.5
Beryllium	11/15/00	ND	20	0.5
Cadmium	11/15/00	1.55	4	0.5
Calcium	11/15/00	192000	NLE	20.0
Chromium	11/15/00	17.3	100	0.5
Cobalt	11/15/00	0.713	NLE	0.5
Copper	11/15/00	ND	1000	2.0
Iron	11/15/00	21200	300	10.0
Lead	11/15/00	1.96	10	1.0
Magnesium	11/15/00	106000	NLE	10.0
Manganese	11/15/00	903	50	0.5
Mercury	11/16/00	ND	2	0.1
Nickel	11/15/00	ND	100	1.0
Potassium	11/15/00	41100	NLE	40.0
Selenium	11/15/00	11.8	50	3.0
Silver	11/15/00	ND	20	1.0
Sodium	11/15/00	863000	50000	20.0
Thallium	11/15/00	ND	10	2.0
Vanadium	11/15/00	3.03	NLE	0.5
Zinc	11/15/00	348	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5837.04
Sample Received: 11/07/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/15/00	129	200	10.0
Antimony	11/15/00	ND	20	2.0
Arsenic	11/15/00	ND	8	2.0
Barium	11/15/00	200	2000	0.5
Beryllium	11/15/00	ND	20	0.5
Cadmium	11/15/00	2.81	4	0.5
Calcium	11/15/00	48900	NLE	20.0
Chromium	11/15/00	ND	100	0.5
Cobalt	11/15/00	19.3	NLE	0.5
Copper	11/15/00	ND	1000	2.0
Iron	11/15/00	4940	300	10.0
Lead	11/15/00	ND	10	1.0
Magnesium	11/15/00	10300	NLE	10.0
Manganese	11/15/00	54.4	50	0.5
Mercury	11/16/00	ND	2	0.1
Nickel	11/15/00	69.7	100	1.0
Potassium	11/15/00	8230	NLE	40.0
Selenium	11/15/00	ND	50	3.0
Silver	11/15/00	ND	20	1.0
Sodium	11/15/00	30300	50000	20.0
Thallium	11/15/00	ND	10	2.0
Vanadium	11/15/00	1.18	NLE	0.5
Zinc	11/15/00	91.5	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5837.05
Sample Received: 11/07/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/15/00	ND	200	10.0
Antimony	11/15/00	ND	20	2.0
Arsenic	11/15/00	ND	8	2.0
Barium	11/15/00	686	2000	0.5
Beryllium	11/15/00	ND	20	0.5
Cadmium	11/15/00	ND	4	0.5
Calcium	11/15/00	91500	NLE	20.0
Chromium	11/15/00	1.81	100	0.5
Cobalt	11/15/00	ND	NLE	0.5
Copper	11/15/00	ND	1000	2.0
Iron	11/15/00	67700	300	10.0
Lead	11/15/00	ND	10	1.0
Magnesium	11/15/00	15300	NLE	10.0
Manganese	11/15/00	429	50	0.5
Mercury	11/16/00	ND	2	0.1
Nickel	11/15/00	ND	100	1.0
Potassium	11/15/00	10500	NLE	40.0
Selenium	11/15/00	10.2	50	3.0
Silver	11/15/00	ND	20	1.0
Sodium	11/15/00	16100	50000	20.0
Thallium	11/15/00	ND	10	2.0
Vanadium	11/15/00	ND	NLE	0.5
Zinc	11/15/00	21.3	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5837.06
Sample Received: 11/07/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/15/00	ND	200	10.0
Antimony	11/15/00	ND	20	2.0
Arsenic	11/15/00	ND	8	2.0
Barium	11/15/00	114	2000	0.5
Beryllium	11/15/00	ND	20	0.5
Cadmium	11/15/00	ND	4	0.5
Calcium	11/15/00	115000	NLE	20.0
Chromium	11/15/00	4.57	100	0.5
Cobalt	11/15/00	ND	NLE	0.5
Copper	11/15/00	ND	1000	2.0
Iron	11/15/00	13600	300	10.0
Lead	11/15/00	ND	10	1.0
Magnesium	11/15/00	26600	NLE	10.0
Manganese	11/15/00	534	50	0.5
Mercury	11/16/00	ND	2	0.1
Nickel	11/15/00	ND	100	1.0
Potassium	11/15/00	10600	NLE	40.0
Selenium	11/15/00	12.0	50	3.0
Silver	11/15/00	ND	20	1.0
Sodium	11/15/00	23100	50000	20.0
Thallium	11/15/00	ND	10	2.0
Vanadium	11/15/00	1.49	NLE	0.5
Zinc	11/15/00	47.5	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5837.07
Sample Received: 11/07/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/15/00	745	200	10.0
Antimony	11/15/00	ND	20	2.0
Arsenic	11/15/00	ND	8	2.0
Barium	11/15/00	303	2000	0.5
Beryllium	11/15/00	ND	20	0.5
Cadmium	11/15/00	2.07	4	0.5
Calcium	11/15/00	186000	NLE	20.0
Chromium	11/15/00	18.0	100	0.5
Cobalt	11/15/00	0.821	NLE	0.5
Copper	11/15/00	110	1000	2.0
Iron	11/15/00	21300	300	10.0
Lead	11/15/00	18.0	10	1.0
Magnesium	11/15/00	101000	NLE	10.0
Manganese	11/15/00	898	50	0.5
Mercury	11/16/00	ND	2	0.1
Nickel	11/15/00	1.14	100	1.0
Potassium	11/15/00	42400	NLE	40.0
Selenium	11/15/00	7.92	50	3.0
Silver	11/15/00	ND	20	1.0
Sodium	11/15/00	828000	50000	20.0
Thallium	11/15/00	ND	10	2.0
Vanadium	11/15/00	4.35	NLE	0.5
Zinc	11/15/00	571	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5837.08
Sample Received: 11/07/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/15/00	276	200	10.0
Antimony	11/15/00	ND	20	2.0
Arsenic	11/15/00	ND	8	2.0
Barium	11/15/00	413	2000	0.5
Beryllium	11/15/00	ND	20	0.5
Cadmium	11/15/00	ND	4	0.5
Calcium	11/15/00	101000	NLE	20.0
Chromium	11/15/00	4.24	100	0.5
Cobalt	11/15/00	ND	NLE	0.5
Copper	11/15/00	388	1000	2.0
Iron	11/15/00	54900	300	10.0
Lead	11/15/00	55.3	10	1.0
Magnesium	11/15/00	17700	NLE	10.0
Manganese	11/15/00	782	50	0.5
Mercury	11/16/00	ND	2	0.1
Nickel	11/15/00	7.62	100	1.0
Potassium	11/15/00	7280	NLE	40.0
Selenium	11/15/00	4.50	50	3.0
Silver	11/15/00	ND	20	1.0
Sodium	11/15/00	36900	50000	20.0
Thallium	11/15/00	ND	10	2.0
Vanadium	11/15/00	1.96	NLE	0.5
Zinc	11/15/00	541	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5837.09
Sample Received: 11/07/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/15/00	195	200	10.0
Antimony	11/15/00	ND	20	2.0
Arsenic	11/15/00	ND	8	2.0
Barium	11/15/00	417	2000	0.5
Beryllium	11/15/00	ND	20	0.5
Cadmium	11/15/00	ND	4	0.5
Calcium	11/15/00	67900	NLE	20.0
Chromium	11/15/00	2.41	100	0.5
Cobalt	11/15/00	ND	NLE	0.5
Copper	11/15/00	ND	1000	2.0
Iron	11/15/00	61700	300	10.0
Lead	11/15/00	ND	10	1.0
Magnesium	11/15/00	14300	NLE	10.0
Manganese	11/15/00	666	50	0.5
Mercury	11/16/00	ND	2	0.1
Nickel	11/15/00	ND	100	1.0
Potassium	11/15/00	10200	NLE	40.0
Selenium	11/15/00	ND	50	3.0
Silver	11/15/00	ND	20	1.0
Sodium	11/15/00	13400	50000	20.0
Thallium	11/15/00	ND	10	2.0
Vanadium	11/15/00	1.25	NLE	0.5
Zinc	11/15/00	46.9	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5837.10
Sample Received: 11/07/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/15/00	397	200	10.0
Antimony	11/15/00	ND	20	2.0
Arsenic	11/15/00	ND	8	2.0
Barium	11/15/00	689	2000	0.5
Beryllium	11/15/00	ND	20	0.5
Cadmium	11/15/00	ND	4	0.5
Calcium	11/15/00	110000	NLE	20.0
Chromium	11/15/00	5.08	100	0.5
Cobalt	11/15/00	ND	NLE	0.5
Copper	11/15/00	ND	1000	2.0
Iron	11/15/00	64800	300	10.0
Lead	11/15/00	ND	10	1.0
Magnesium	11/15/00	16500	NLE	10.0
Manganese	11/15/00	588	50	0.5
Mercury	11/16/00	ND	2	0.1
Nickel	11/15/00	ND	100	1.0
Potassium	11/15/00	11400	NLE	40.0
Selenium	11/15/00	6.55	50	3.0
Silver	11/15/00	ND	20	1.0
Sodium	11/15/00	16400	50000	20.0
Thallium	11/15/00	ND	10	2.0
Vanadium	11/15/00	3.28	NLE	0.5
Zinc	11/15/00	23.5	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5837.11
Sample Received: 11/07/00
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW11

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/15/00	1380	200	10.0
Antimony	11/15/00	ND	20	2.0
Arsenic	11/15/00	ND	8	2.0
Barium	11/15/00	464	2000	0.5
Beryllium	11/15/00	ND	20	0.5
Cadmium	11/15/00	8.89	4	0.5
Calcium	11/15/00	115000	NLE	20.0
Chromium	11/15/00	7.84	100	0.5
Cobalt	11/15/00	1.43	NLE	0.5
Copper	11/15/00	18.9	1000	2.0
Iron	11/15/00	63600	300	10.0
Lead	11/15/00	4.35	10	1.0
Magnesium	11/15/00	10000	NLE	10.0
Manganese	11/15/00	873	50	0.5
Mercury	11/16/00	ND	2	0.1
Nickel	11/15/00	38.0	100	1.0
Potassium	11/15/00	7190	NLE	40.0
Selenium	11/15/00	4.98	50	3.0
Silver	11/15/00	ND	20	1.0
Sodium	11/15/00	9290	50000	20.0
Thallium	11/15/00	ND	10	2.0
Vanadium	11/15/00	5.52	NLE	0.5
Zinc	11/15/00	1060	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Acetone	Di-n-butyl phthalate	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	900	200	300	50	10	20	20	2000	-
05/01/1997	FMETL	ND	83	330	270	39	ND	21	-	-	V,S,P,M
08/07/1997	FMETL	ND	1.95	139	140	62	0.6	ND	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	146	2550	64	16	ND	ND	94.5	V,S,P,M
02/17/1998	FMETL	ND	13.6	430	206	56	ND	ND	ND	84.5	V,S,P,M
05/05/1998	FMETL	ND	ND	461	433	6.6	ND	ND	9	38	V,S,P,M
07/07/1998	FMETL	ND	ND	877	4990	39.4	ND	ND	5.24	131	V,S,P,M
10/27/1998	FMETL	ND	ND	121	1260	41.8	ND	ND	8.54	126	V,S,P,M
03/01/1999	FMETL	ND	ND	815	2390	27.2	2.28	ND	3.95	91	V,S,P,M
06/11/1999	FMETL	ND	ND	244	1030	55.7	ND	ND	ND	150	V,S,P,M
07/27/1999	FMETL	ND	ND	137	515	72.6	ND	ND	2.41	159	V,S,P,M
10/26/1999	FMETL	ND	ND	111	2270	44.4	ND	ND	ND	112	V,S,P,M
03/02/2000	FMETL	ND	ND	219	1390	40.8	ND	ND	ND	137	V,S,P,M
03/02/2000D	FMETL	ND	ND	367	1910	153	ND	ND	10.4	156	V,S,P,M
06/01/2000	FMETL	ND	ND	281	1390	22.4	2.93	ND	3.10	71.8	V,S,P,M
08/28/2000	FMETL	ND	ND	231	3960	49.4	1.37	ND	ND	176	V,S,P,M
08/28/2000D	FMETL	ND	ND	431	4710	48.9	1.91	ND	ND	177	V,S,P,M
11/07/2000	FMETL	5.16	ND	129	4940	54.4	ND	ND	ND	200	V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 11/07/2000

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FORT MONMOUTH

GW MONITORING
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Source 1 of 8

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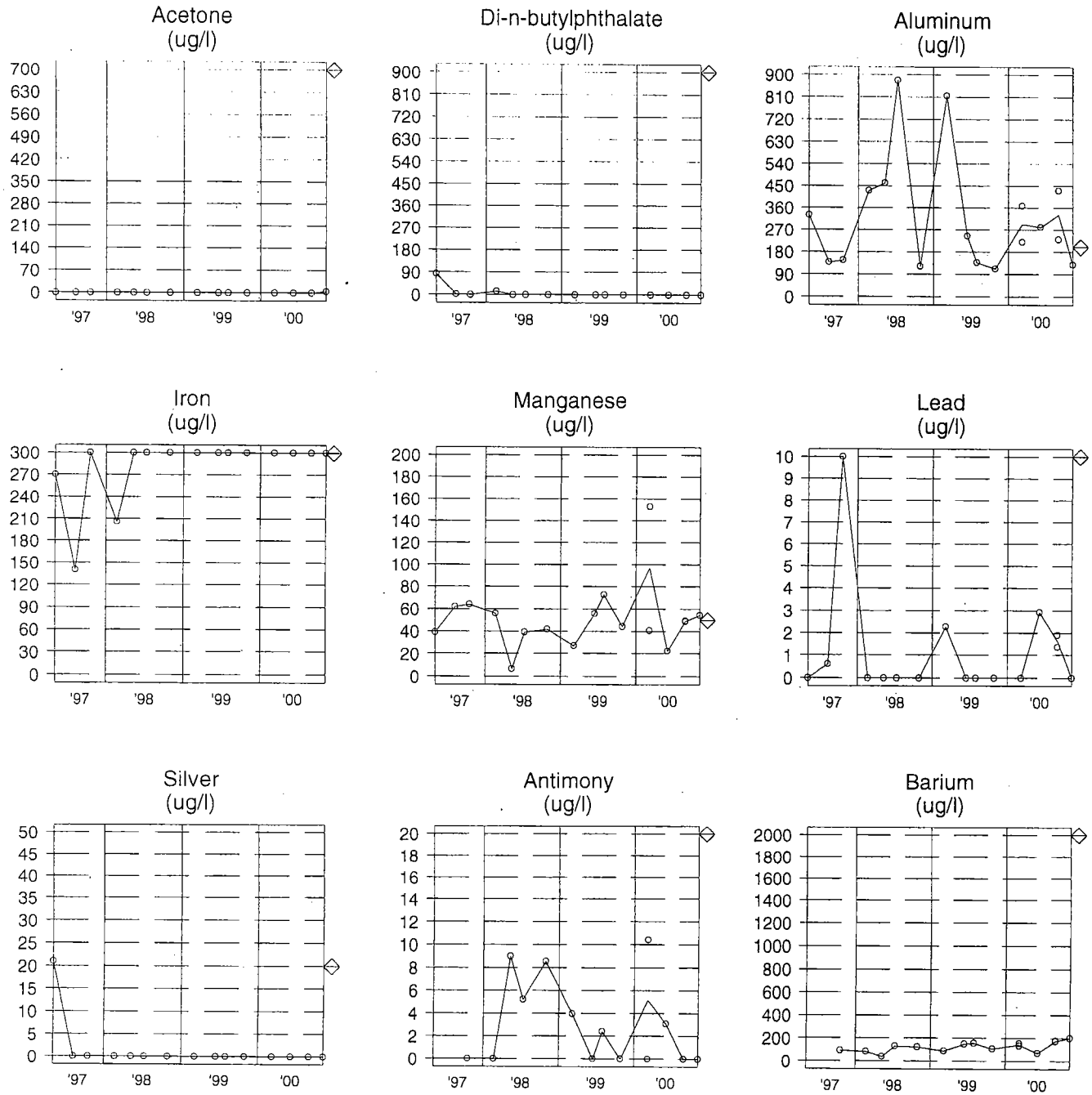
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 11/07/2000

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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U.S.ARMY
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SELFM-PW-EV

11-27-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
05/01/1997	FMETL	-	-	-	-	-	-	-	10.55		V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	-	13.30		V,S,P,M
10/16/1997	FMETL	2.8	48790	6590	25.3	8040	18650	124	14.10		V,S,P,M
02/17/1998	FMETL	2.2	26330	8530	36	5700	16740	88	8.80		V,S,P,M
05/05/1998	FMETL	0.6	7004	7252	19.9	3590	13730	89.8	9.40		V,S,P,M
07/07/1998	FMETL	2.41	44100	8620	46	11000	19200	129	12.26		V,S,P,M
10/27/1998	FMETL	3.78	42500	6710	41.6	10500	16200	46	14.51		V,S,P,M
03/01/1999	FMETL	1.91	27800	8940	34.1	5920	21400	106	11.25		V,S,P,M
06/11/1999	FMETL	3.34	58600	9670	48.9	9210	27300	60.5	13.21		V,S,P,M
07/27/1999	FMETL	4.70	66400	9170	38.8	9770	23100	56.7	13.96		V,S,P,M
10/26/1999	FMETL	2.23	36900	5680	28.2	6850	21400	27.6	13.41		V,S,P,M
03/02/2000	FMETL	3.10	46500	11600	66.5	6880	29600	173	11.95		V,S,P,M
03/02/2000D	FMETL	4.16	51100	21400	73.5	7560	32900	159	11.95		V,S,P,M
06/01/2000	FMETL	0.909	28000	9760	53.5	4950	25800	124	11.92		V,S,P,M
08/28/2000	FMETL	3.25	55600	10300	50.8	8610	28500	94.1	11.89		V,S,P,M
08/28/2000D	FMETL	3.17	54500	10400	51.9	8550	29000	97.3	11.89		V,S,P,M
11/07/2000	FMETL	2.81	48900	10300	69.7	8230	30300	91.5	12.91		V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
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FORT MONMOUTH

GW MONITORING
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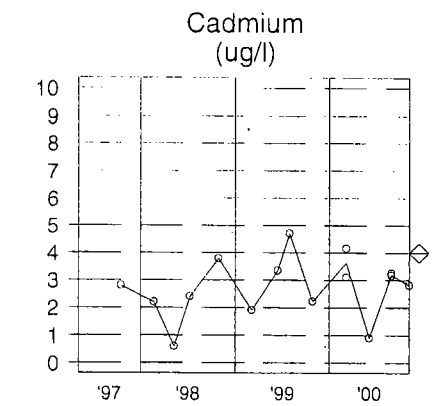
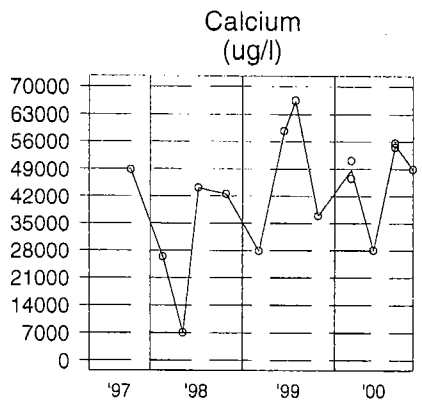
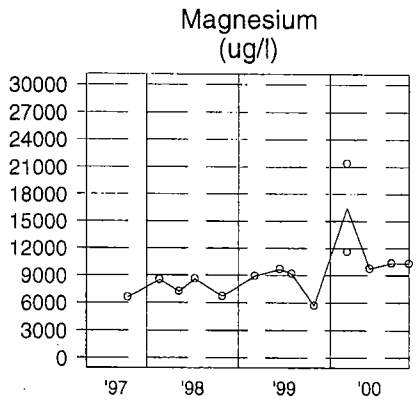
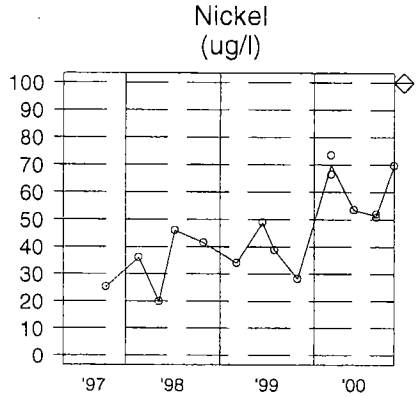
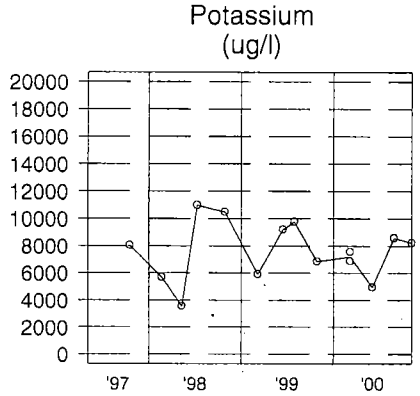
SELFM-PW-EV

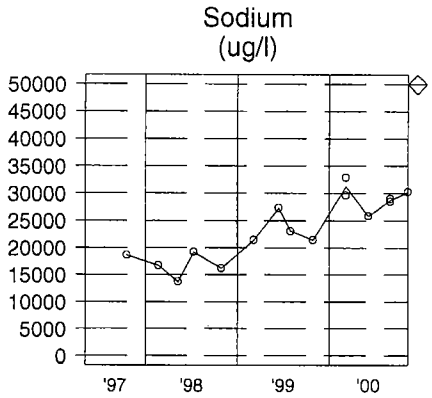


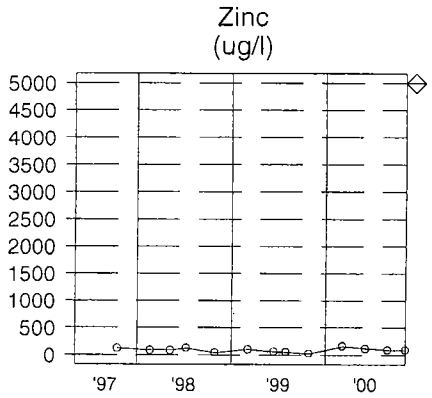


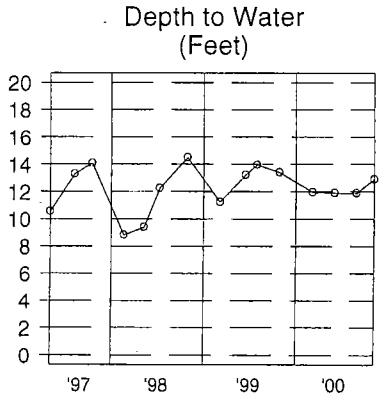












SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 11/07/2000

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-27-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Chloro benzene	Benzene	1,4-Di chloro benzene	Di-n-butyl phthalate	2-Methyl naphtha lene	Acenaph thene	Fluorene	Phen anthrene	bis(2-Ethyl hexyl) phthalate	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	1	75	900	NLE	400	300	NLE	30	-
05/01/1997	FMETL	3.82	ND	ND	123	1.64	1.31	1.03	1.35	ND	V,S,P,M
08/07/1997	FMETL	7.28	ND	ND	2.28	1.82	1.31	ND	1.08	ND	V,S,P,M
10/16/1997	FMETL	6.70	ND	ND	ND	2.08	1.70	1.13	1.57	ND	V,S,P,M
02/17/1998	FMETL	4.66	ND	ND	43.6	1.33	1.78	1.13	1.40	ND	V,S,P,M
05/05/1998	FMETL	7.33	1.44	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
07/07/1998	FMETL	9.23	1.33	ND	ND	1.80	1.52	1.06	1.01	ND	V,S,P,M
10/27/1998	FMETL	5.05	ND	ND	ND	ND	ND	ND	2.32	ND	V,S,P,M
03/01/1999	FMETL	5.19	ND	ND	ND	1.57	2.44	ND	2.27	ND	V,S,P,M
06/11/1999	FMETL	5.60	ND	ND	ND	ND	1.04	ND	1.13	ND	V,S,P,M
07/27/1999	FMETL	5.21	ND	1.10	ND	1.49	1.47	ND	ND	ND	V,S,P,M
10/26/1999	FMETL	5.39	ND	1.02	ND	2.00	2.20	1.65	2.14	ND	V,S,P,M
03/02/2000	FMETL	4.09	ND	ND	ND	1.29	1.74	1.29	1.45	4.03	V,S,P,M
06/01/2000	FMETL	4.32	ND	ND	ND	1.27	1.63	1.20	1.30	3.89	V,S,P,M
08/28/2000	FMETL	5.72	ND	ND	ND	1.54	1.92	1.40	ND	3.79	V,S,P,M
11/07/2000	FMETL	5.41	ND	ND	ND	1.40	1.47	1.03	ND	3.12	V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
05/01/1997 - 11/07/2000

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FORT MONMOUTH

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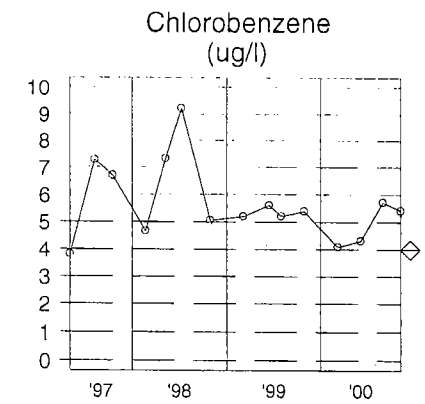

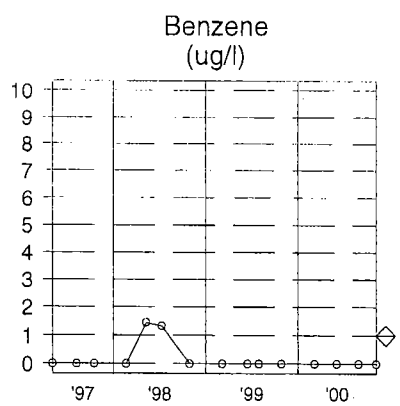

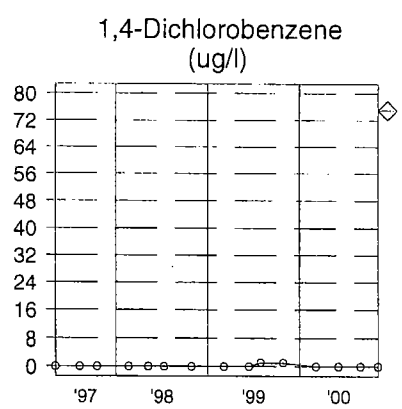

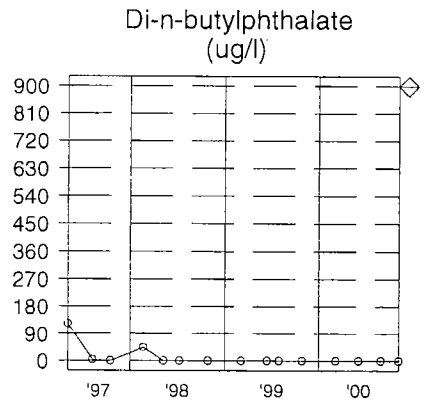

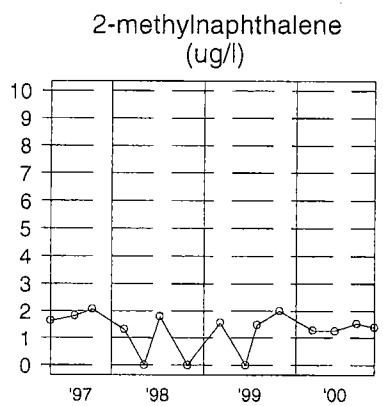

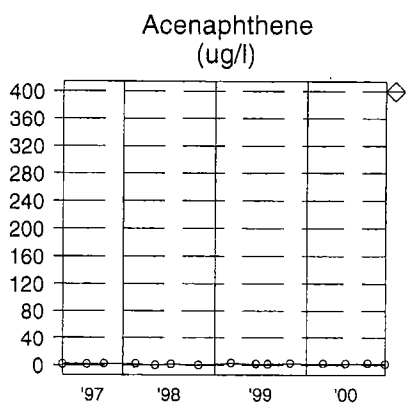

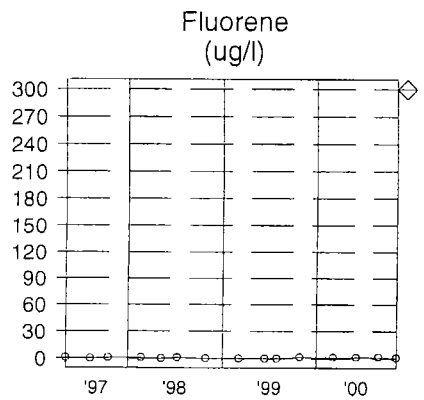

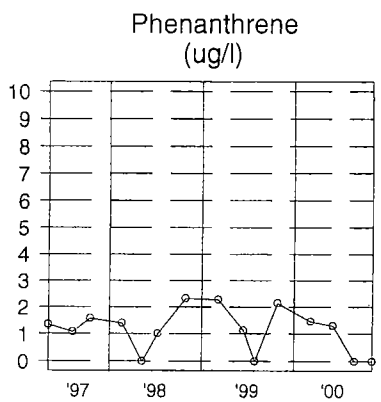

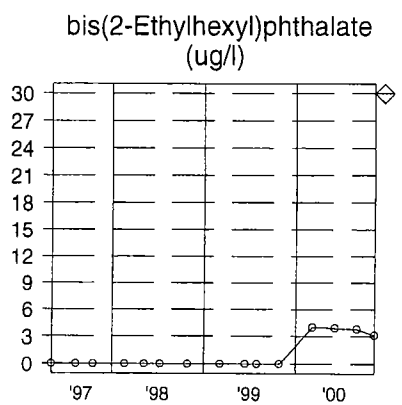

SOURCE: 00M3MW05

Sampling Dates:
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NJDEP Criteria

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SELFM-PW-EV

11-27-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	200	300	50	10	20	20	2000	4	NLE	-
05/01/1997	FMETL	27	73000	440	ND	21	-	-	-	-	V,S,P,M
08/07/1997	FMETL	182	187600	503	20.5	ND	-	-	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	ND	ND	ND	ND	627.3	ND	90160	V,S,P,M
02/17/1998	FMETL	149	70470	425	6.0	ND	ND	664	ND	96030	V,S,P,M
05/05/1998	FMETL	ND	84560	409	ND	ND	4.3	637	ND	89180	V,S,P,M
07/07/1998	FMETL	22.3	65400	399	4.54	ND	4.26	555	1.2	90100	V,S,P,M
10/27/1998	FMETL	ND	67300	421	ND	ND	7.83	636	ND	88000	V,S,P,M
03/01/1999	FMETL	13.4	75500	409	3.15	ND	2.4	638	ND	97800	V,S,P,M
06/11/1999	FMETL	ND	70000	440	ND	ND	ND	566	4.38	89600	V,S,P,M
07/27/1999	FMETL	15.0	76500	501	ND	ND	ND	655	1.21	90500	V,S,P,M
10/26/1999	FMETL	31	66500	395	ND	ND	ND	625	ND	85700	V,S,P,M
03/02/2000	FMETL	16.3	74000	417	ND	ND	ND	647	ND	95000	V,S,P,M
06/01/2000	FMETL	13.2	73900	430	ND	ND	ND	693	ND	98200	V,S,P,M
08/28/2000	FMETL	101	69900	382	1.98	ND	2.68	630	ND	94800	V,S,P,M
11/07/2000	FMETL	ND	67700	429	ND	ND	ND	686	ND	91500	V,S,P,M

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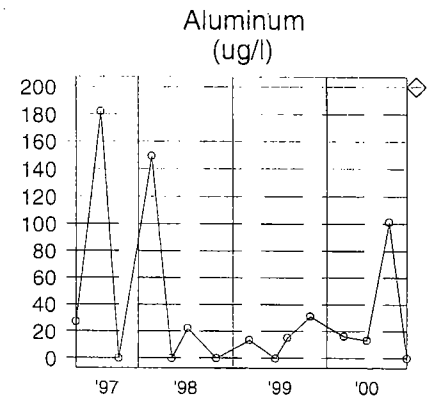

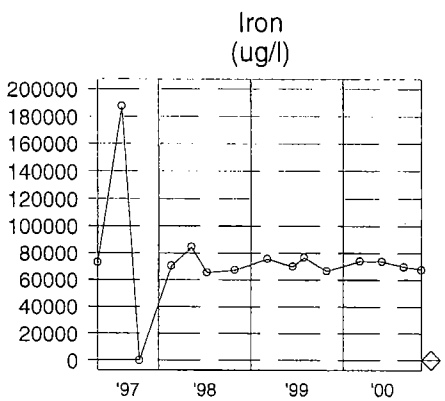

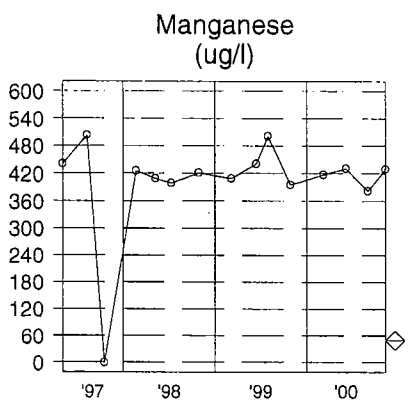

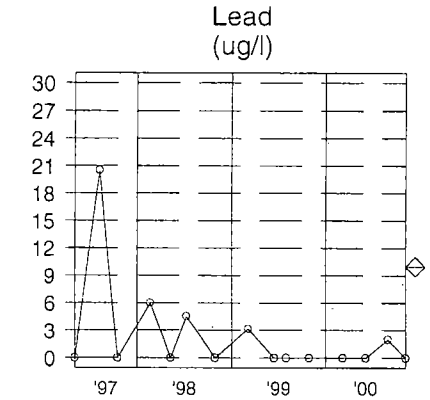

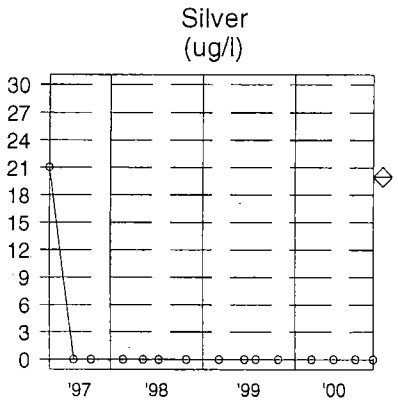

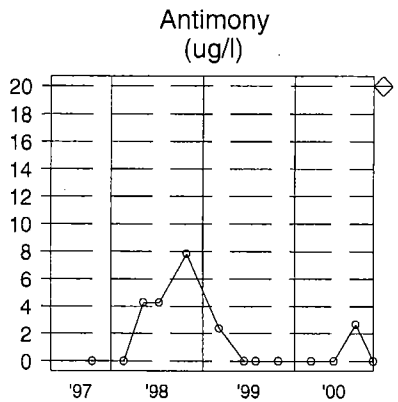

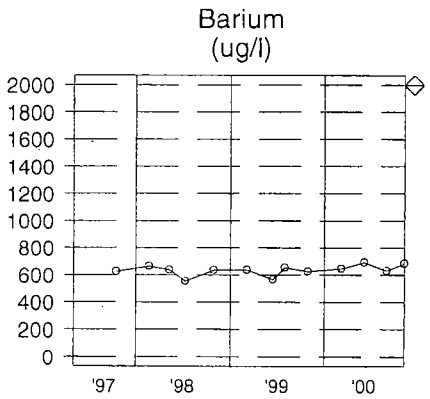

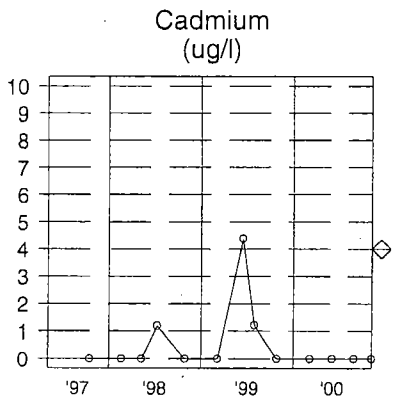

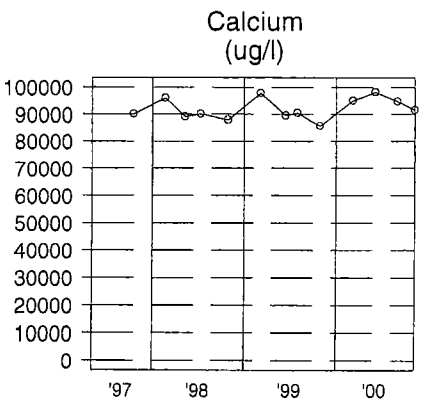

SOURCE: 00M3MW05

Sampling Dates:
05/01/1997 - 11/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 2 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-27-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
05/01/1997	FMETL	-	-	-	-	-	7.90				V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	8.85				V,S,P,M
10/16/1997	FMETL	14600	1.1	12350	17370	44	9.10				V,S,P,M
02/17/1998	FMETL	15840	5.7	13960	16070	ND	7.70				V,S,P,M
05/05/1998	FMETL	14300	1.4	15490	16640	2.2	7.76				V,S,P,M
07/07/1998	FMETL	13800	ND	15100	9510	18.8	8.66				V,S,P,M
10/27/1998	FMETL	14000	0.87	14100	11800	ND	9.64				V,S,P,M
03/01/1999	FMETL	15800	1.69	11400	17300	3.68	8.47				V,S,P,M
06/11/1999	FMETL	14700	11000	10800	16800	ND	9.13				V,S,P,M
07/27/1999	FMETL	15000	2.15	10900	18000	13.7	9.49				V,S,P,M
10/26/1999	FMETL	13900	1.0	10800	15800	5.69	8.77				V,S,P,M
03/02/2000	FMETL	15700	0.912	10800	15500	17	8.45				V,S,P,M
06/01/2000	FMETL	16600	10.9	10700	15000	13.2	8.53				V,S,P,M
08/28/2000	FMETL	15800	ND	11900	15600	23.8	8.31				V,S,P,M
11/07/2000	FMETL	15300	ND	10500	16100	21.3	9.00				V,S,P,M

SOURCE: 00M3MW05

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FORT MONMOUTH

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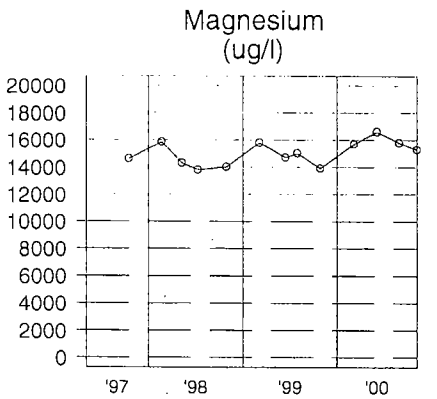
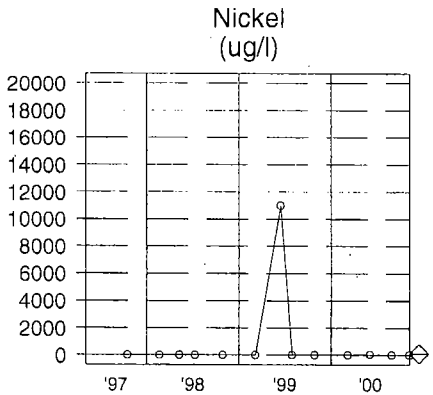
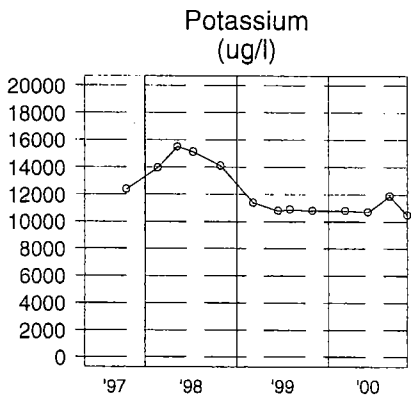
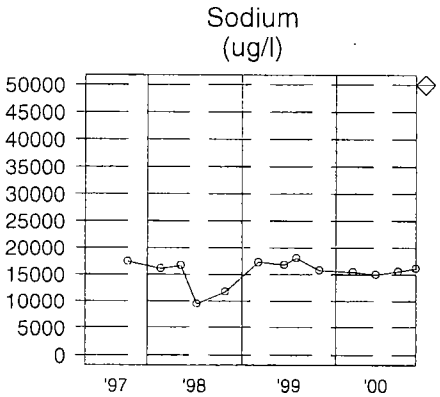
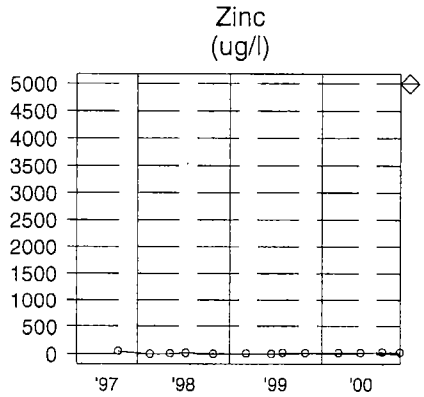
SELFM-PW-EV

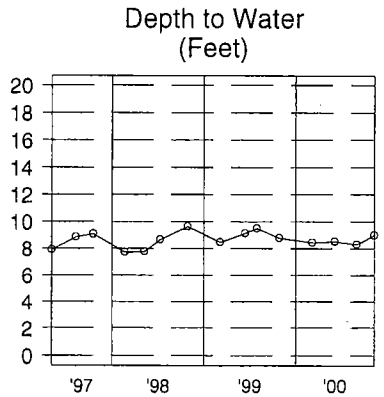












SOURCE: 00M3MW05

Sampling Dates:
05/01/1997 - 11/07/2000

LEGEND:

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-27-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	Chloro benzene	Benzene	1,4-Di chloro benzene	Di-n-butyl phthalate	4,4'-DDD	Aluminum	Iron	Manganese	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	1	75	900	0.1	200	300	50	-
05/01/1997	FMETL	ND	ND	5.35	ND	60	ND	70	10500	320	V,S,P,M
08/07/1997	FMETL	ND	2.65	ND	ND	ND	ND	61	31020	565	V,S,P,M
10/16/1997	FMETL	ND	4.41	ND	ND	ND	ND	142	37600	623	V,S,P,M
02/17/1998	FMETL	ND	ND	ND	ND	35.8	ND	113	10740	639	V,S,P,M
05/05/1998	FMETL	ND	ND	0.94	ND	ND	ND	49	6992	362	V,S,P,M
07/07/1998	FMETL	ND	2.65	3.10	ND	ND	0.005	92.2	20900	555	V,S,P,M
10/27/1998	FMETL	ND	5.34	ND	ND	ND	ND	166	26800	449	V,S,P,M
03/01/1999	FMETL	ND	1.93	ND	ND	ND	ND	182	35500	1010	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	ND	ND	ND	15.9	23500	687	V,S,P,M
07/27/1999	FMETL	ND	4.59	ND	1.30	ND	ND	1480	43900	785	V,S,P,M
10/26/1999	FMETL	ND	2.16	ND	ND	ND	ND	37.9	12900	711	V,S,P,M
03/02/2000	FMETL	ND	1.90	ND	ND	ND	ND	ND	20800	903	V,S,P,M
06/01/2000	FMETL	ND	2.05	1.44	ND	ND	ND	ND	22300	877	V,S,P,M
08/28/2000	FMETL	ND	3.18	ND	ND	ND	ND	141	19400	676	V,S,P,M
11/07/2000	FMETL	6.55	2.52	ND	ND	ND	ND	ND	13600	534	V,S,P,M

SOURCE: 00M3MW06

Sampling Dates:
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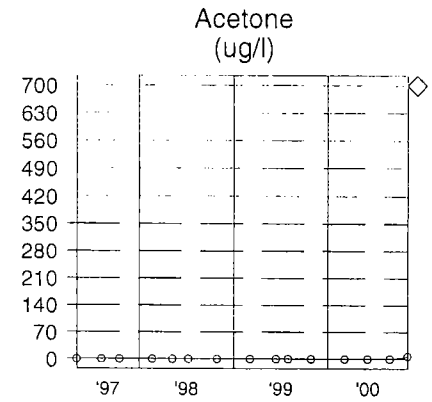
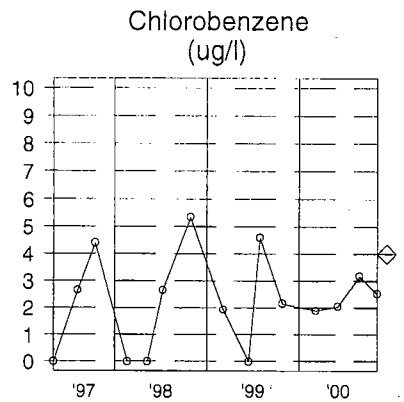
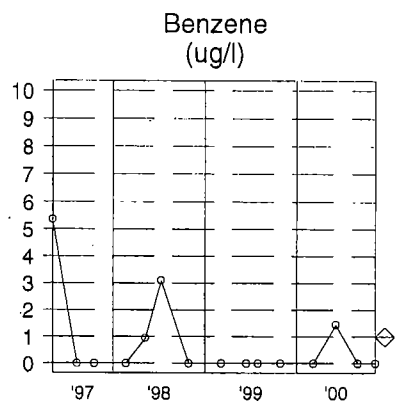
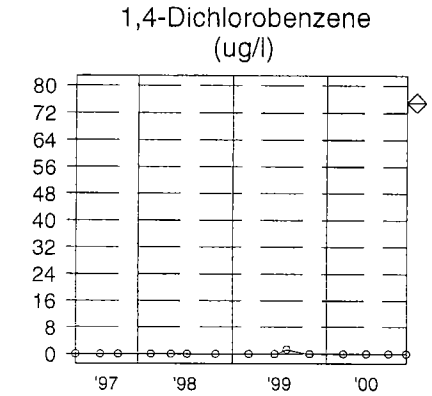
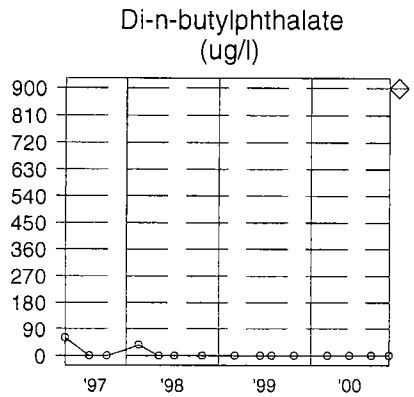
SELFM-PW-EV

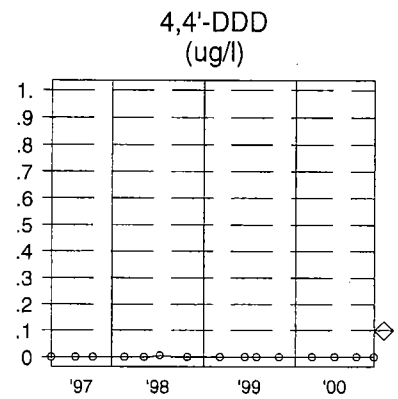


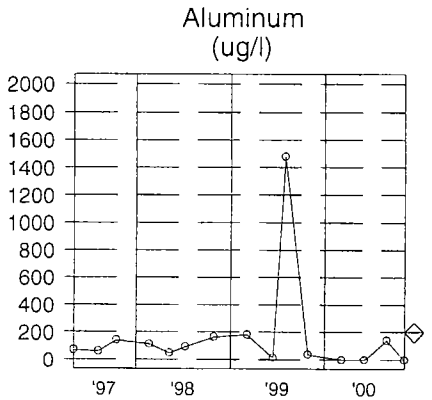


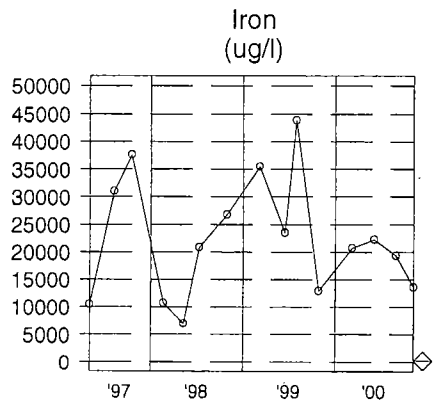


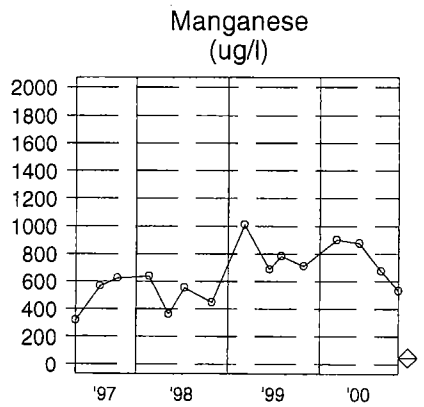












SOURCE: 00M3MW06

Sampling Dates:
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LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-27-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Lead	Silver	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	10	20	20	2000	4	NLE	NLE	100	NLE	-
05/01/1997	FMETL	ND	14	-	-	-	-	-	-	-	V,S,P,M
08/07/1997	FMETL	1.4	ND	-	-	-	-	-	-	-	V,S,P,M
10/16/1997	FMETL	8.0	ND	ND	57.2	ND	69170	19300	2.3	8720	V,S,P,M
02/17/1998	FMETL	ND	ND	4	66	ND	94830	22740	18	10450	V,S,P,M
05/05/1998	FMETL	ND	ND	5.4	40	0.7	74040	16680	10	9163	V,S,P,M
07/07/1998	FMETL	ND	ND	2.9	73.6	ND	126000	29200	0.579	12600	V,S,P,M
10/27/1998	FMETL	ND	ND	5.31	29.7	ND	38600	12200	3.8	8430	V,S,P,M
03/01/1999	FMETL	4.01	ND	4.8	149	0.63	159000	33300	18.9	10800	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	114	1.87	119000	28300	3.55	10700	V,S,P,M
07/27/1999	FMETL	3.08	ND	ND	76.2	1.84	63900	19000	6.40	9810	V,S,P,M
10/26/1999	FMETL	ND	ND	2.3	138	0.866	165000	34300	27.5	11900	V,S,P,M
03/02/2000	FMETL	ND	ND	ND	133	ND	184000	36700	10.4	10300	V,S,P,M
06/01/2000	FMETL	ND	ND	2.29	153	ND	173000	38300	11.8	10600	V,S,P,M
08/28/2000	FMETL	2.56	ND	3.66	111	ND	124000	31200	ND	9570	V,S,P,M
11/07/2000	FMETL	ND	ND	ND	114	ND	115000	26600	ND	10600	V,S,P,M

SOURCE: 00M3MW06

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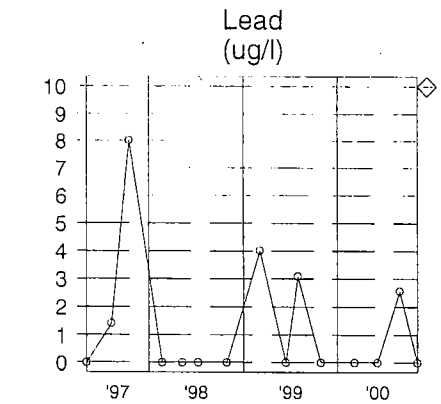
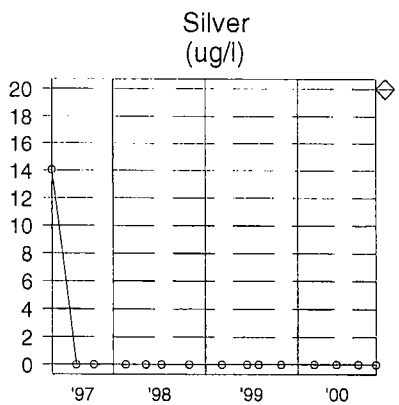
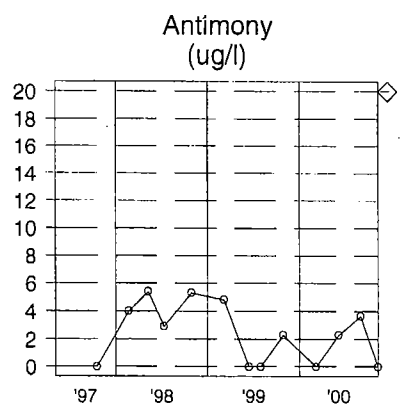
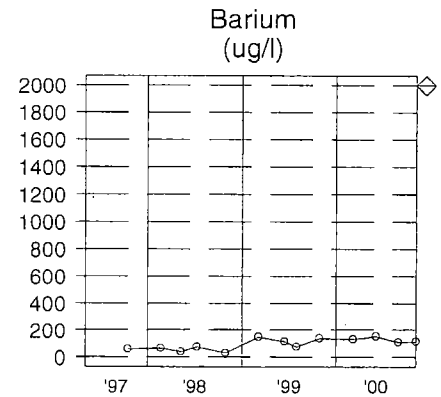
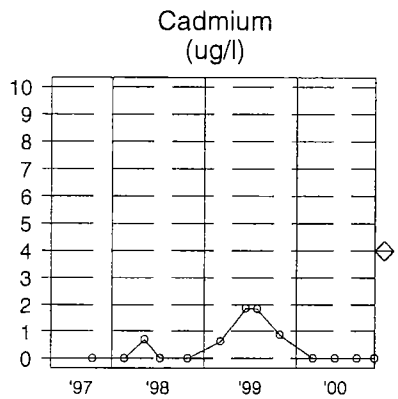
FORT MONMOUTH
SELFM-PW-EV

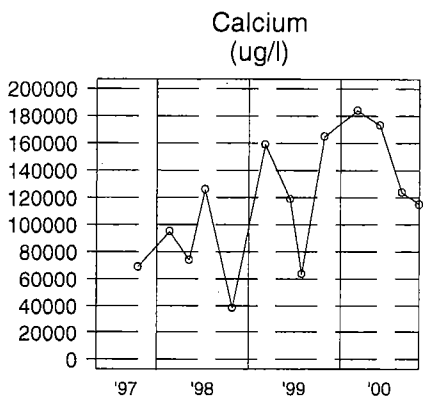


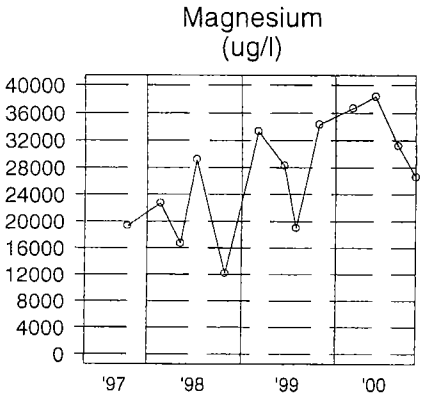


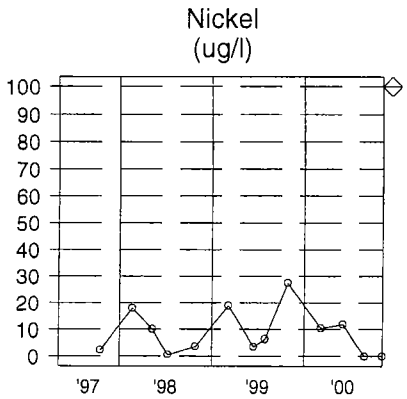


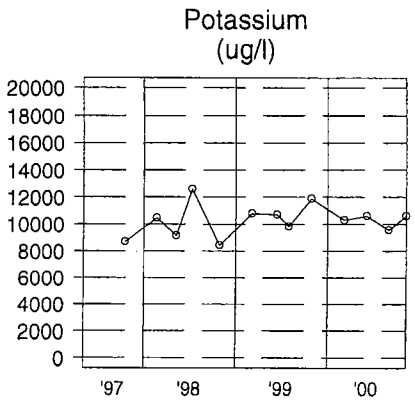












SOURCE: 00M3MW06

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LEGEND:

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o = Date Sampled

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FORT MONMOUTH
SELFM-PW-EV

11-27-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Sodium	Zinc	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	50000	5000	-							-
05/01/1997	FMETL	-	-	8.00							V,S,P,M
08/07/1997	FMETL	-	-	9.05							V,S,P,M
10/16/1997	FMETL	ND	68	9.30							V,S,P,M
02/17/1998	FMETL	40910	302	7.85							V,S,P,M
05/05/1998	FMETL	25680	150	7.90							V,S,P,M
07/07/1998	FMETL	15100	40.5	8.60							V,S,P,M
10/27/1998	FMETL	18200	80	9.61							V,S,P,M
03/01/1999	FMETL	26200	467	8.78							V,S,P,M
06/11/1999	FMETL	21500	44.9	9.05							V,S,P,M
07/27/1999	FMETL	25600	164	9.57							V,S,P,M
10/26/1999	FMETL	37400	416	8.07							V,S,P,M
03/02/2000	FMETL	17600	177	8.30							V,S,P,M
06/01/2000	FMETL	15200	55.4	8.44							V,S,P,M
08/28/2000	FMETL	24100	78.6	8.24							V,S,P,M
11/07/2000	FMETL	23100	47.5	8.56							V,S,P,M

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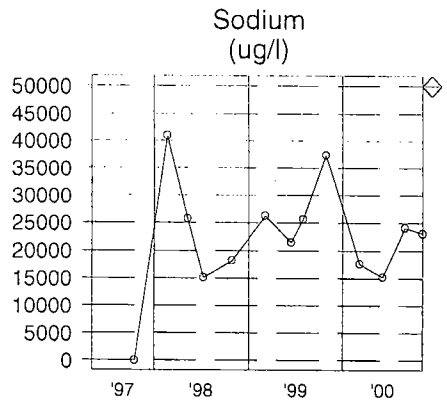
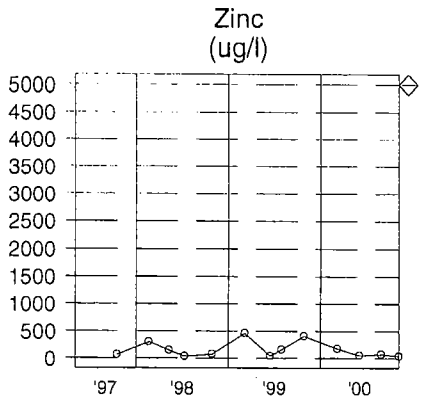
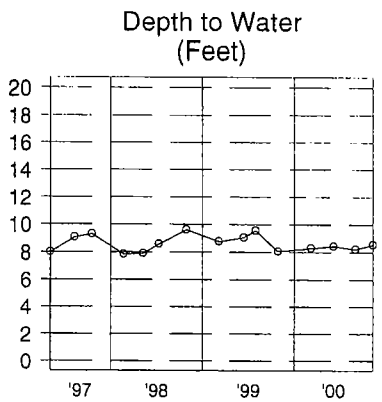
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 00M3MW06

Sampling Dates:
05/01/1997 - 11/07/2000

LEGEND:

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Source 3 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-27-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	2-Butanone	Vinyl chloride	csi-1,2-Dichloro ethene	Aluminum	Iron	Manganese	Lead	Antimony	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	5	10	200	300	50	10	20	-
10/07/1998	FMETL	ND	399.25	ND	ND	4810	41900	710	23	ND	V,S,P,M
10/23/1998	FMETL	ND	ND	8.93	3.58	1820	56700	1200	6.23	ND	V,S,P,M
03/01/1999	FMETL	ND	ND	2.76	4.05	2350	78400	1080	13.7	3.96	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	ND	2990	34500	823	8.33	ND	V,S,P,M
07/27/1999	FMETL	ND	ND	4.22	2.61	1480	36900	998	5.66	ND	V,S,P,M
10/26/1999	FMETL	ND	ND	ND	ND	2490	35100	1060	7.59	2.51	V,S,P,M
03/02/2000	FMETL	ND	ND	ND	ND	3400	36600	817	8.94	ND	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	ND	362	17500	650	3.75	3.55	V,S,P,M
08/28/2000	FMETL	ND	ND	ND	1.80	333	20500	949	1.25	3.73	V,S,P,M
11/07/2000	FMETL	7.88	ND	17.64	15.81	745	21300	898	18.0	ND	V,S,P,M
11/07/2000D	FMETL	4.83	ND	17.69	15.47	685	21200	903	1.96	ND	V,S,P,M

SOURCE: 00M3MW07

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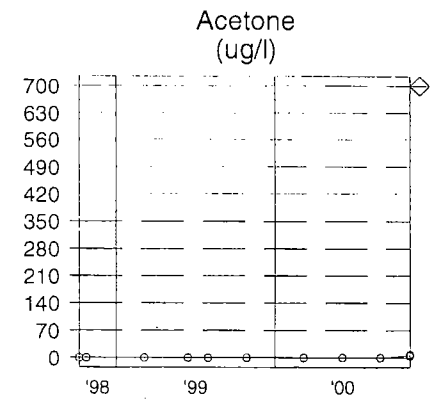

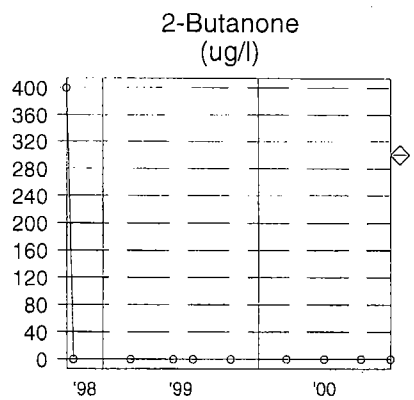

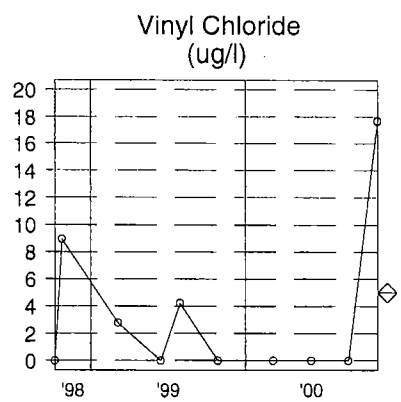

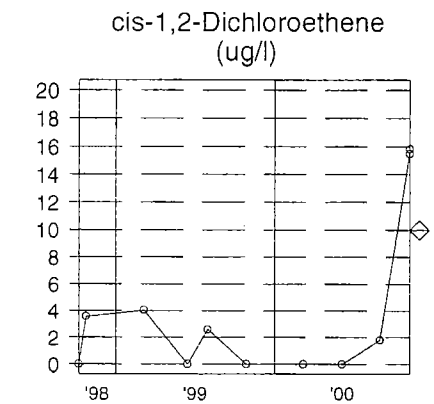

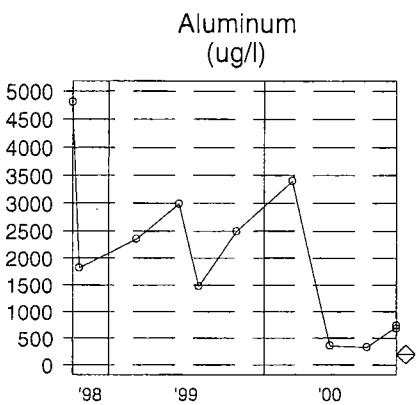

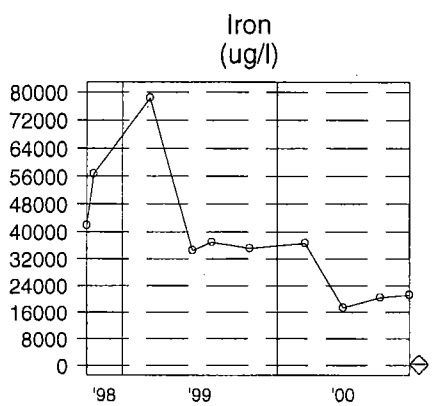

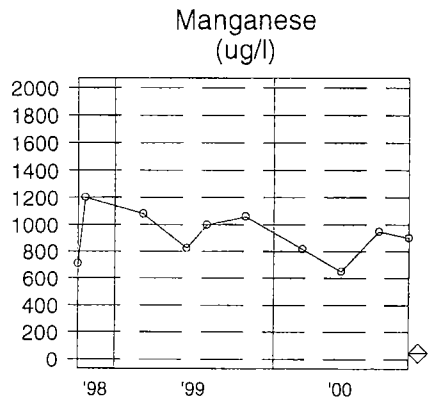

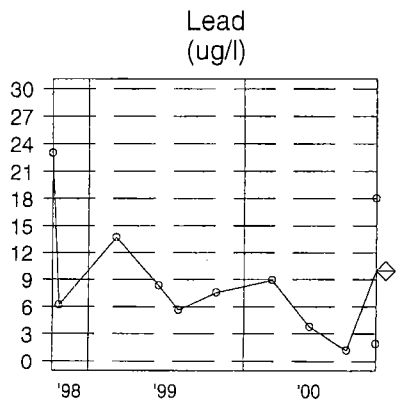

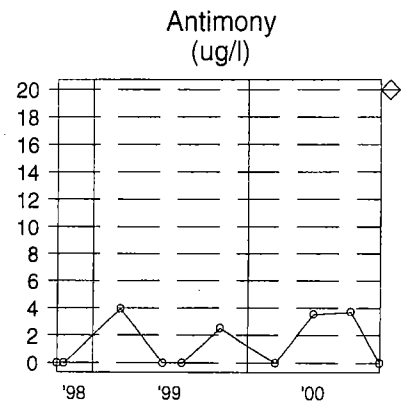

SOURCE: 00M3MW07

Sampling Dates:
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SELFM-PW-EV

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	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/07/1998	FMETL	126	ND	106000	91100	5.7	40900	579000	125	9.67	V,S,P,M
10/23/1998	FMETL	235	ND	204000	165000	1.32	64200	1300000	28.1	10.46	V,S,P,M
03/01/1999	FMETL	516	2	251000	113000	5.98	36400	858000	1090	8.72	V,S,P,M
06/11/1999	FMETL	372	4.25	252000	101000	2.36	33900	709000	571	9.47	V,S,P,M
07/27/1999	FMETL	492	4.99	292000	156000	4.74	48500	1050000	273	10.39	V,S,P,M
10/26/1999	FMETL	807	7.55	398000	261000	4.06	99900	1800000	723	10.35	V,S,P,M
03/02/2000	FMETL	580	2.58	271000	136000	8.92	57000	1070000	817	9.56	V,S,P,M
06/01/2000	FMETL	280	1.38	210000	90300	8.86	32200	630000	341	9.24	V,S,P,M
08/28/2000	FMETL	336	0.691	213000	116000	ND	38000	1010000	222	9.17	V,S,P,M
11/07/2000	FMETL	303	2.07	186000	101000	1.14	42400	828000	571	9.61	V,S,P,M
11/07/2000D	FMETL	302	1.55	192000	106000	ND	41100	863000	348	9.61	V,S,P,M

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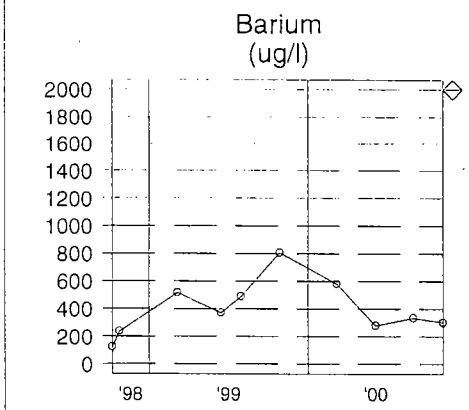

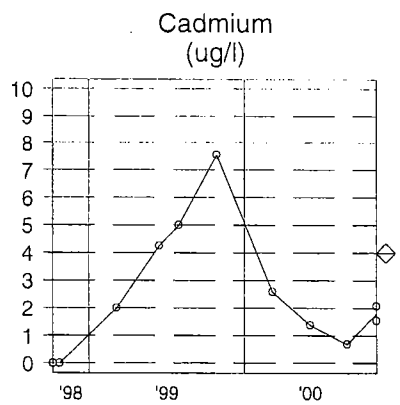

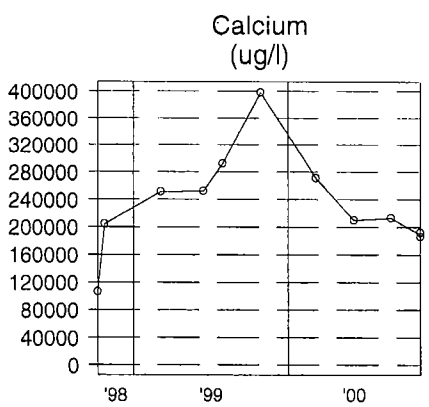

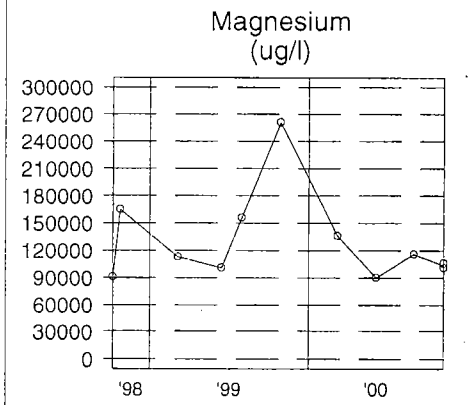

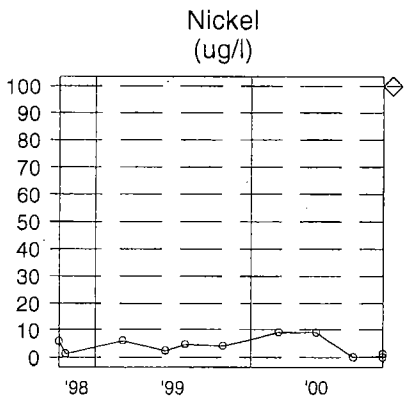

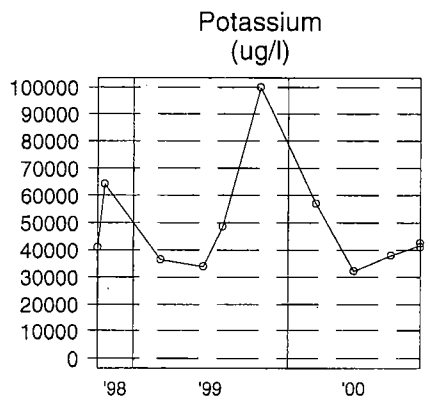

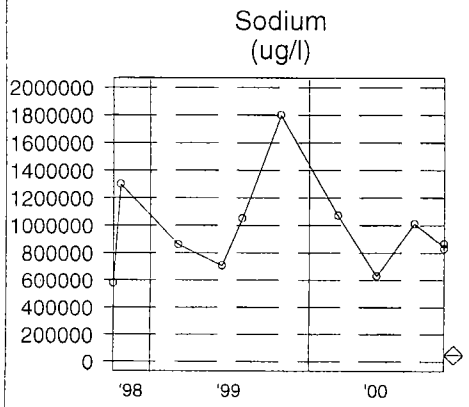

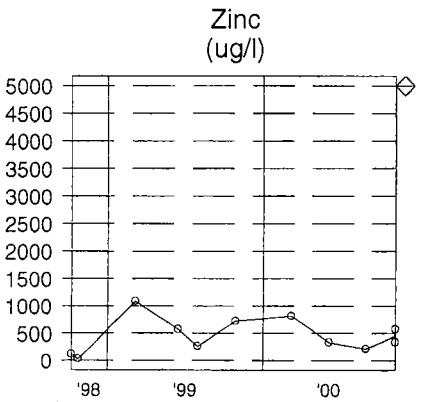

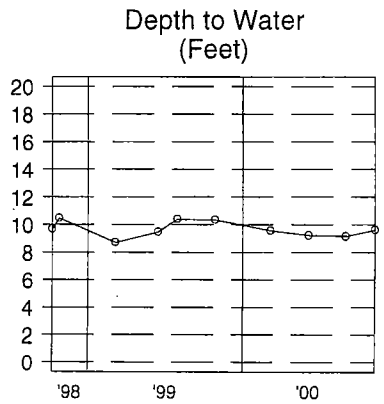

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SELFM-PW-EV

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	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	bis(2-Ethyl hexyl) phthalate	4,4'-DDE	4,4'-DDD	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	30	0.1	0.1	200	300	-
10/20/1998	FMETL	ND	1.01	6.34	ND	ND	ND	ND	235	55500	V,S,P,M
11/02/1998	FMETL	8.5	1.37	5.43	ND	ND	ND	ND	7030	88700	V,S,P,M
03/01/1999	FMETL	ND	1.55	ND	ND	ND	ND	ND	852	54700	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	1.22	ND	ND	0.021	747	36600	V,S,P,M
07/27/1999	FMETL	ND	1.59	2.45	1.02	ND	0.008	0.018	1530	44200	V,S,P,M
10/26/1999	FMETL	ND	1.66	ND	ND	ND	ND	ND	347	39400	V,S,P,M
03/02/2000	FMETL	ND	1.44	ND	ND	2.31	ND	ND	395	37100	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	119	41700	V,S,P,M
08/28/2000	FMETL	ND	1.85	ND	ND	2.51	ND	ND	173	45600	V,S,P,M
11/07/2000	FMETL	4.34	2.08	ND	ND	1.91	ND	ND	276	54900	V,S,P,M

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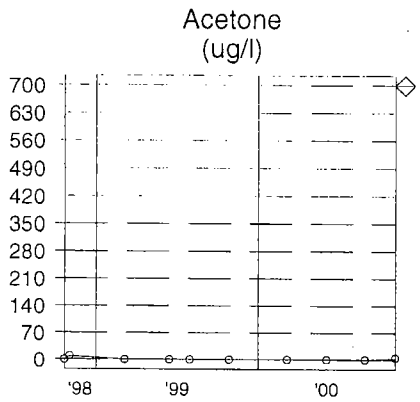

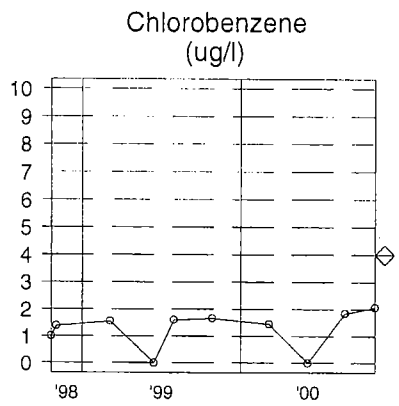

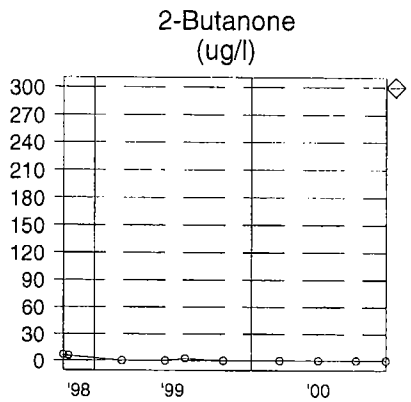

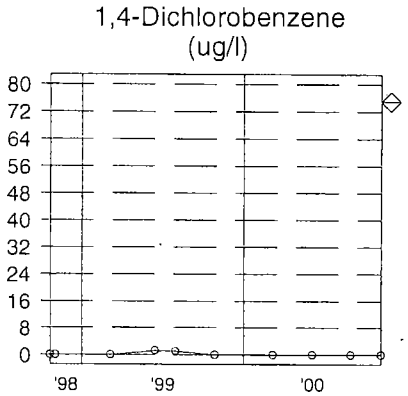

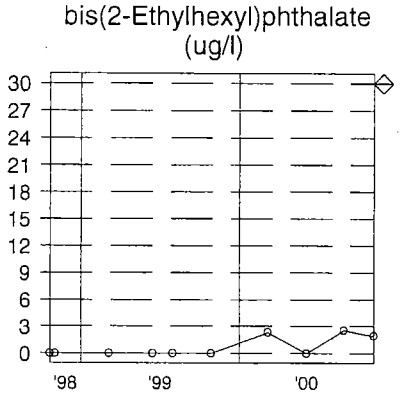

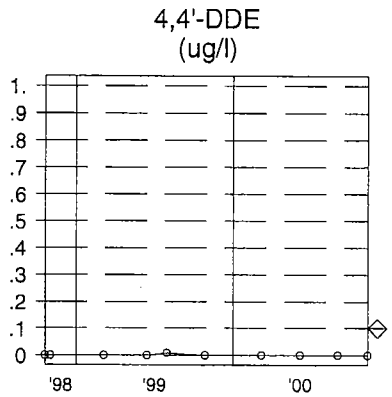

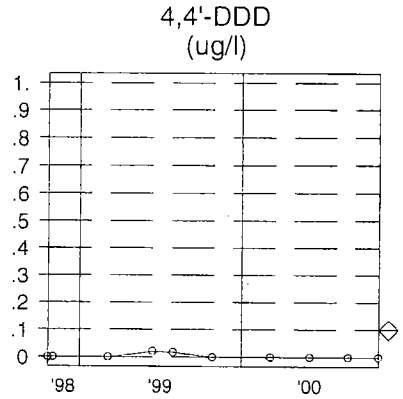

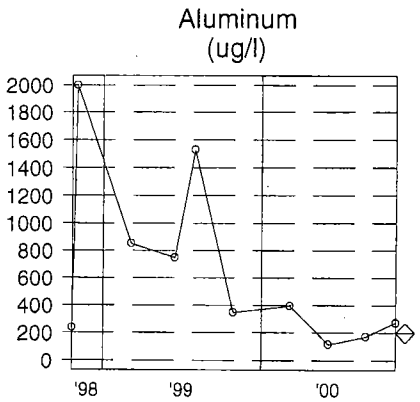

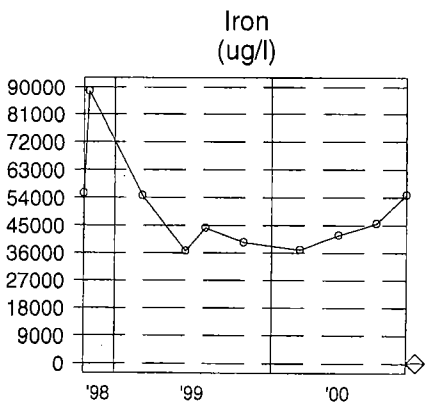

SOURCE: 00M3MW08

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	Lab	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	2000	4	NLE	NLE	100	NLE	-
10/20/1998	FMETL	1100	5.12	4.61	429	ND	132000	37600	8.49	25900	V,S,P,M
11/02/1998	FMETL	511	19.7	6.41	749	ND	115000	19000	6.98	24400	V,S,P,M
03/01/1999	FMETL	768	9.22	4.68	271	ND	105000	24700	2.98	8910	V,S,P,M
06/11/1999	FMETL	645	2.53	ND	249	1.28	88600	16900	ND	7740	V,S,P,M
07/27/1999	FMETL	855	4.49	ND	404	0.95	122000	29000	2.90	11500	V,S,P,M
10/26/1999	FMETL	1210	2.63	3.26	559	0.897	214000	81000	2.25	22400	V,S,P,M
03/02/2000	FMETL	527	ND	ND	274	ND	87400	27400	5.3	9300	V,S,P,M
06/01/2000	FMETL	575	5.57	ND	233	ND	81300	19300	11.1	6610	V,S,P,M
08/28/2000	FMETL	722	2.29	2.54	352	ND	100000	19200	ND	7830	V,S,P,M
11/07/2000	FMETL	782	55.3	ND	413	ND	101000	17700	7.62	7280	V,S,P,M

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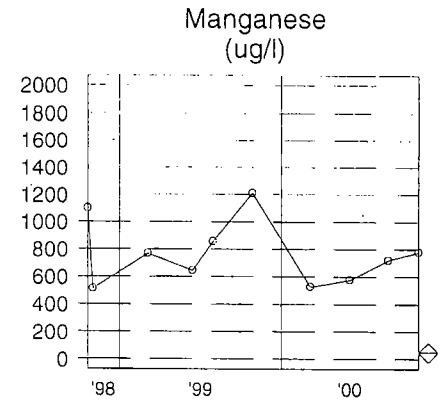

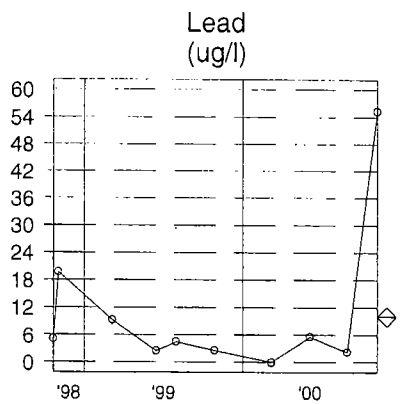

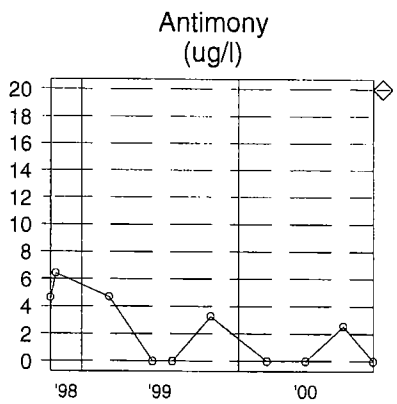

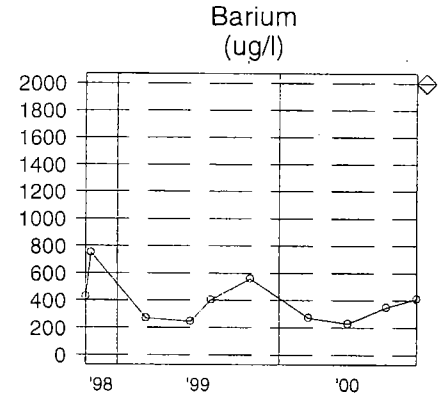

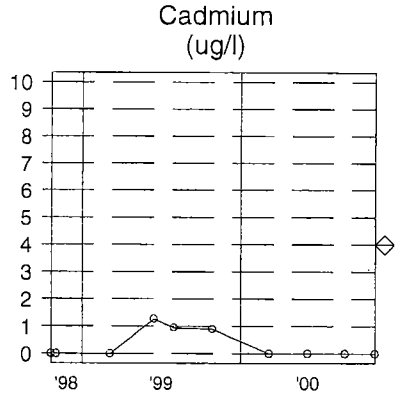

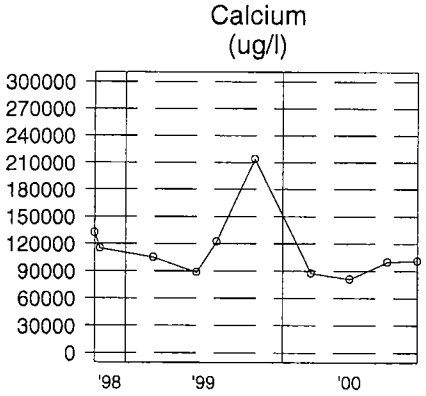

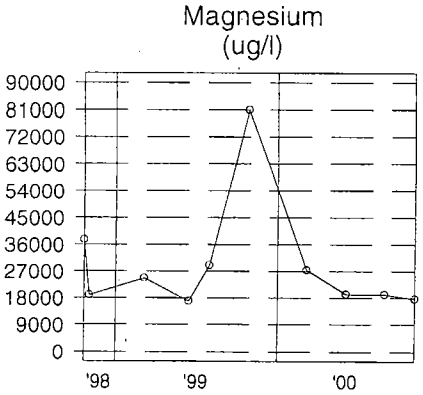

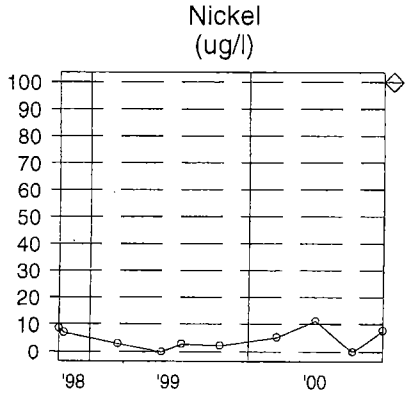

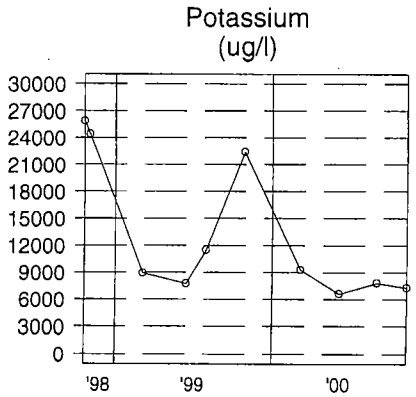

SOURCE: 00M3MW08

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FORT MONMOUTH
SELFM-PW-EV

11-27-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Sodium	Zinc	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	50000	5000	-							-
10/20/1998	FMETL	168000	220	7.16							V,S,P,M
11/02/1998	FMETL	12100	107	7.16							V,S,P,M
03/01/1999	FMETL	118000	143	5.71							V,S,P,M
06/11/1999	FMETL	60100	61.6	6.50							V,S,P,M
07/27/1999	FMETL	149000	91.8	6.93							V,S,P,M
10/26/1999	FMETL	593000	30.3	7.60							V,S,P,M
03/02/2000	FMETL	174000	54.7	6.23							V,S,P,M
06/01/2000	FMETL	69800	61.4	5.97							V,S,P,M
08/28/2000	FMETL	63200	35.7	5.65							V,S,P,M
11/07/2000	FMETL	36900	541	6.17							V,S,P,M

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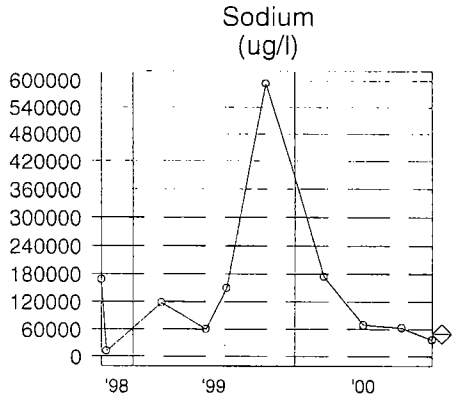
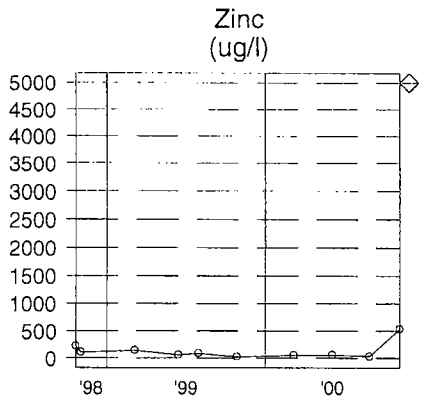
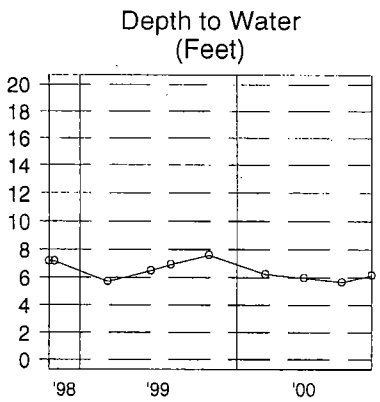
SELFM-PW-EV







SOURCE: 00M3MW08

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
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	Lab	Acetone	Chloro benzene	2-Butanone	Benzene	1,4-Di chloro benzene	1,2-Di chloro benzene	bis(2-Ethyl hexyl) phthalate	4,4'-DDE	4,4'-DDT	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	1	75	600	30	0.1	0.1	-
10/07/1998	FMETL	4.66	16.36	6.53	1.18	2.73	1.07	ND	0.104	0.432	V,S,P,M
10/23/1998	FMETL	ND	17.33	ND	1.33	2.61	1.05	ND	0.02	0.038	V,S,P,M
03/01/1999	FMETL	ND	14.25	ND	ND	ND	ND	ND	0.026	0.023	V,S,P,M
06/11/1999	FMETL	ND	10.22	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
07/27/1999	FMETL	ND	11.69	ND	ND	2.00	ND	ND	ND	0.041	V,S,P,M
10/26/1999	FMETL	ND	17.37	ND	1.25	2.48	ND	ND	ND	ND	V,S,P,M
03/02/2000	FMETL	ND	15.64	ND	ND	2.27	ND	2.93	0.021	0.062	V,S,P,M
06/01/2000	FMETL	ND	15.39	ND	ND	2.51	ND	3.44	ND	ND	V,S,P,M
08/28/2000	FMETL	ND	20.54	ND	ND	1.87	ND	3.29	ND	ND	V,S,P,M
11/07/2000	FMETL	4.22	16.01	ND	ND	1.46	ND	3.13	ND	ND	V,S,P,M

SOURCE: 00M3MW09

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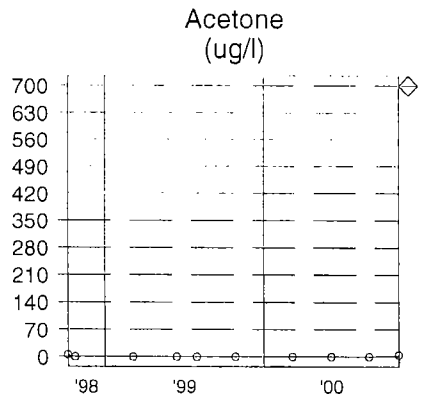

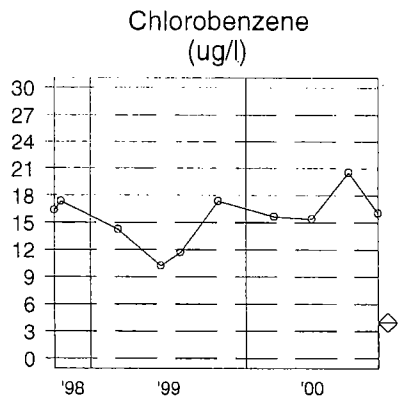

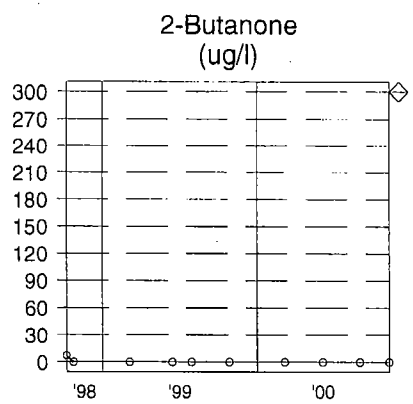

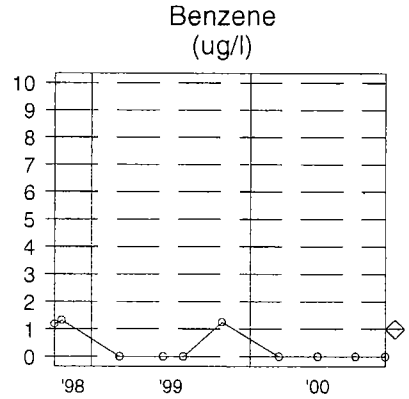

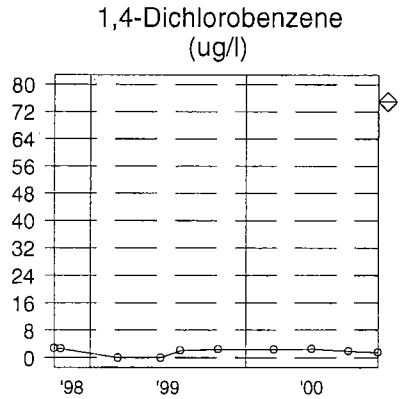

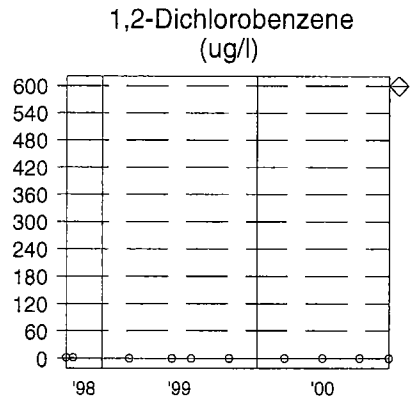

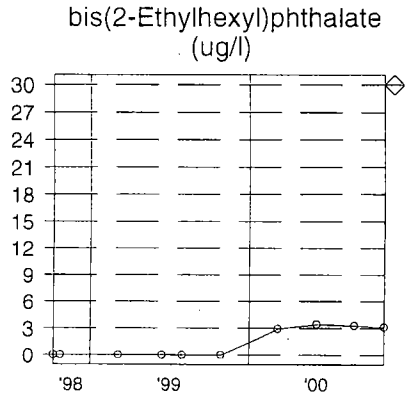

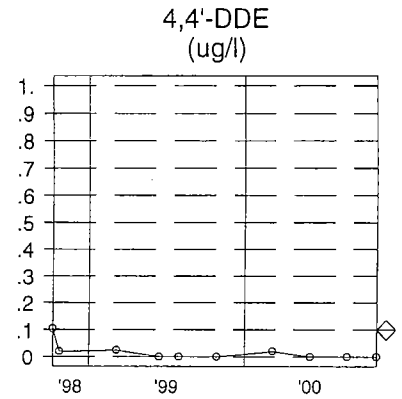

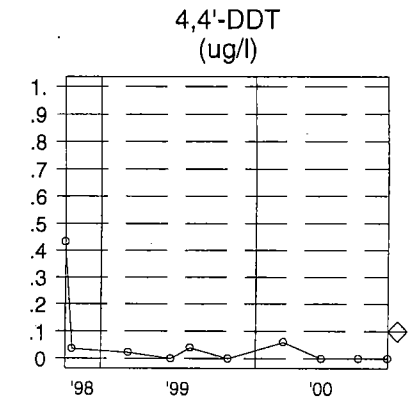

SOURCE: 00M3MW09

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FORT MONMOUTH

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	Lab	4,4'-DDD	Aluminum	Iron	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	0.1	200	300	50	10	20	2000	4	NLE	-
10/07/1998	FMETL	0.713	1040	17400	90.9	ND	ND	73	ND	31200	V,S,P,M
10/23/1998	FMETL	0.132	1380	73900	476	32.7	3.7	371	ND	62600	V,S,P,M
03/01/1999	FMETL	0.167	337	60400	1740	8.46	4.91	430	1.26	82400	V,S,P,M
06/11/1999	FMETL	0.057	741	64100	595	10.6	ND	332	1.85	65400	V,S,P,M
07/27/1999	FMETL	0.108	ND	31.1	2.12	ND	ND	ND	ND	244	V,S,P,M
10/26/1999	FMETL	ND	832	82100	534	9.02	ND	401	3.58	66700	V,S,P,M
03/02/2000	FMETL	0.134	603	69800	772	2.32	ND	412	ND	72700	V,S,P,M
06/01/2000	FMETL	ND	202	70600	758	4.60	ND	414	ND	73800	V,S,P,M
08/28/2000	FMETL	ND	257	66500	723	4.72	ND	376	ND	71400	V,S,P,M
11/07/2000	FMETL	ND	195	61700	666	ND	ND	417	ND	67900	V,S,P,M

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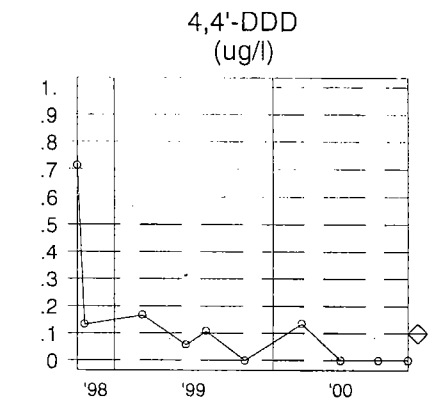
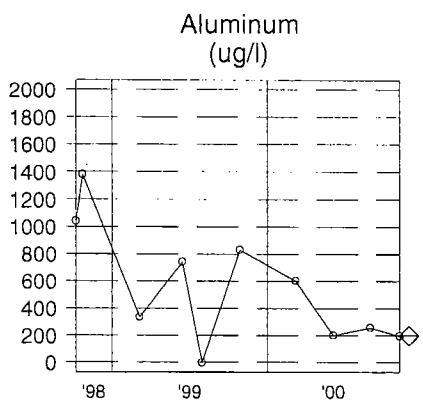
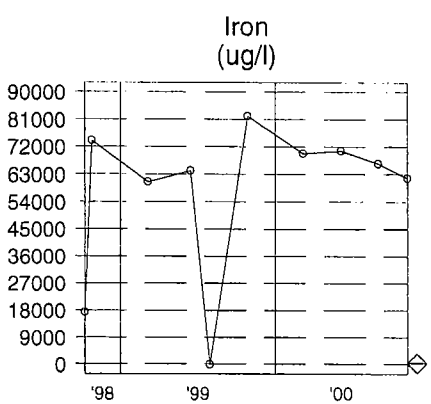
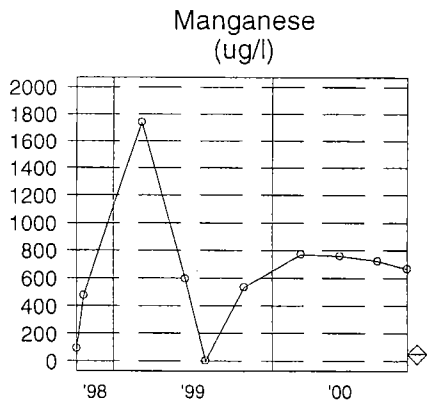
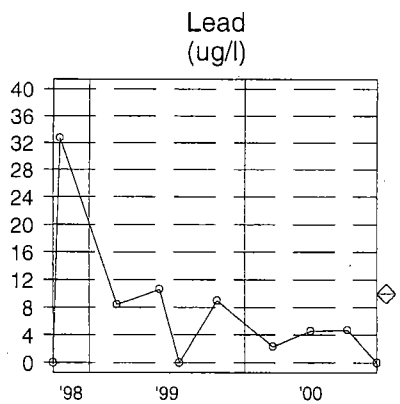
SELFM-PW-EV

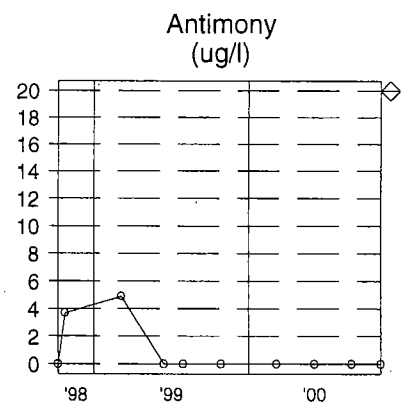


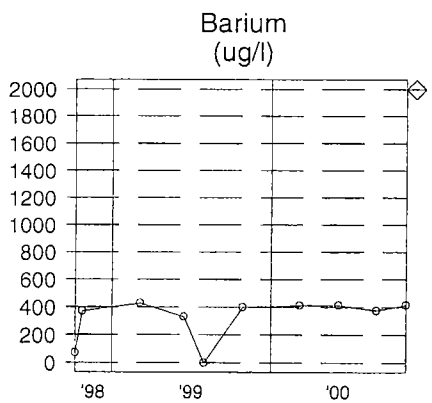


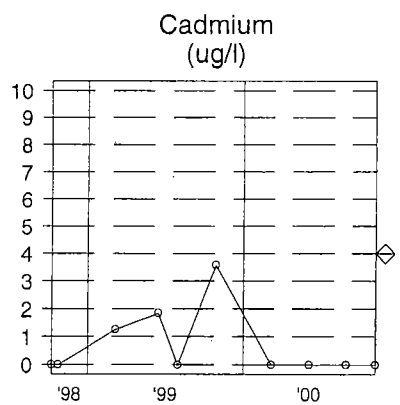


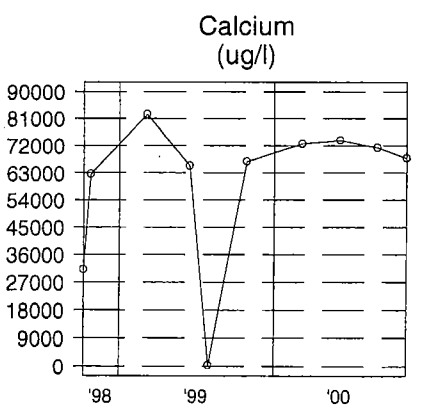












SOURCE: 00M3MW09

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SELFM-PW-EV

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	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/07/1998	FMETL	2520	ND	9390	2720	25	11.48				V,S,P,M
10/23/1998	FMETL	12900	3.14	13100	12100	60.6	11.74				V,S,P,M
03/01/1999	FMETL	19800	22.9	13600	46900	1150	10.75				V,S,P,M
06/11/1999	FMETL	13300	ND	9910	16300	109	11.37				V,S,P,M
07/27/1999	FMETL	54.5	1.15	292	575	7.07	11.52				V,S,P,M
10/26/1999	FMETL	14000	8.89	10900	27500	212	11.34				V,S,P,M
03/02/2000	FMETL	16100	1.17	9870	17300	84.6	11.23				V,S,P,M
06/01/2000	FMETL	15900	9.28	9480	23200	70.8	11.05				V,S,P,M
08/28/2000	FMETL	15100	ND	10300	14600	50.1	10.73				V,S,P,M
11/07/2000	FMETL	14300	ND	10200	13400	46.9	11.29				V,S,P,M

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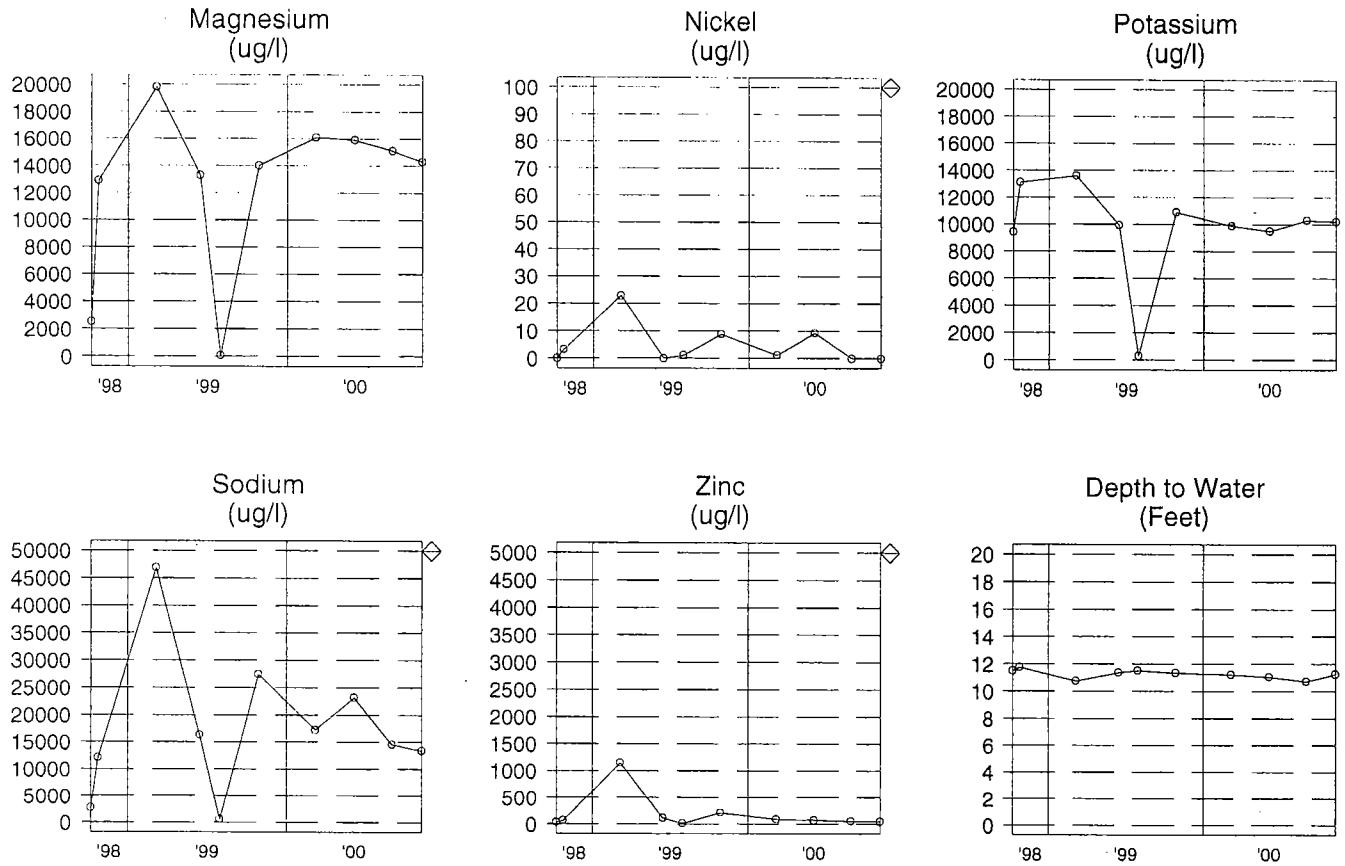

SOURCE: 00M3MW09

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o = Date Sampled

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	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	Acenaph thene	Fluorene	bis(2-Ethyl hexyl) phthalate	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	400	300	30	200	300	-
10/20/1998	FMETL	7.87	17.07	5.16	1.78	ND	ND	ND	1960	57400	V,S,P,M
11/02/1998	FMETL	6.94	19.19	ND	2.05	ND	ND	ND	1570	61300	V,S,P,M
03/01/1999	FMETL	ND	20.08	ND	1.79	2.55	ND	ND	1540	103000	V,S,P,M
06/11/1999	FMETL	ND	16.27	14.14	ND	1.25	ND	ND	1180	66100	V,S,P,M
07/27/1999	FMETL	3.59	15.90	4.57	1.99	1.23	ND	ND	317	67700	V,S,P,M
10/26/1999	FMETL	ND	19.56	ND	2.13	1.78	1.33	ND	268	62300	V,S,P,M
03/02/2000	FMETL	ND	15.34	ND	1.89	1.18	1.04	2.06	2330	91200	V,S,P,M
06/01/2000	FMETL	ND	11.80	ND	1.45	1.40	1.02	2.15	187	62300	V,S,P,M
08/28/2000	FMETL	ND	18.05	ND	1.62	1.97	1.43	2.66	910	64400	V,S,P,M
11/07/2000	FMETL	7.00	18.59	ND	1.38	1.81	1.19	1.60	397	64800	V,S,P,M

SOURCE: 00M3MW10

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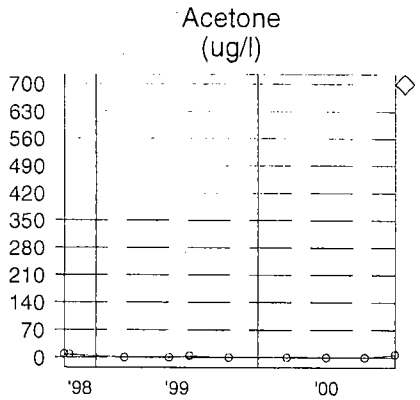

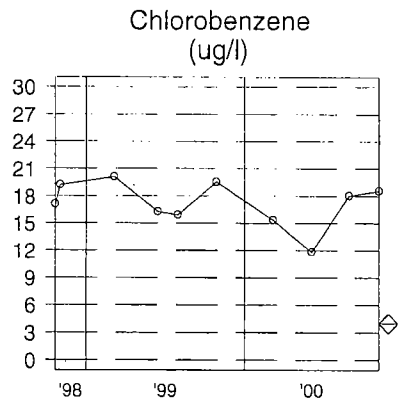

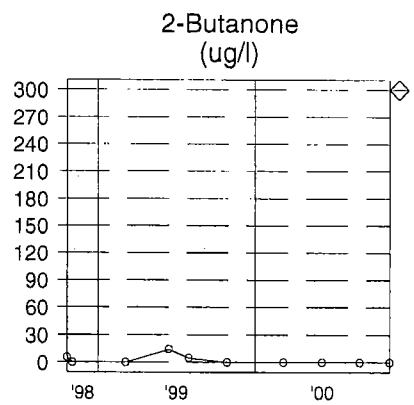

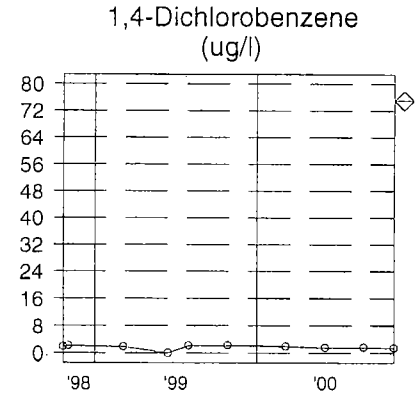

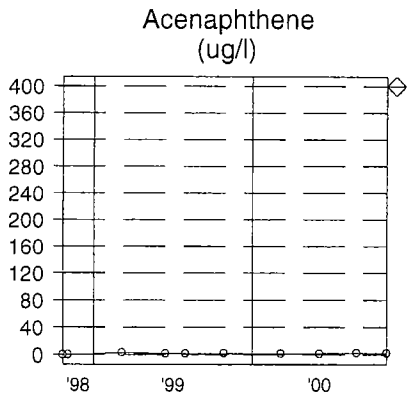

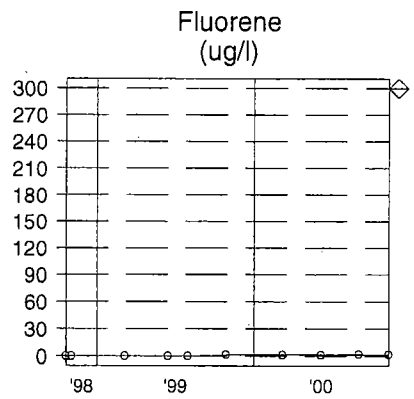

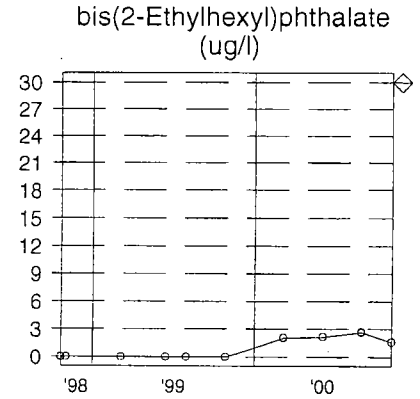

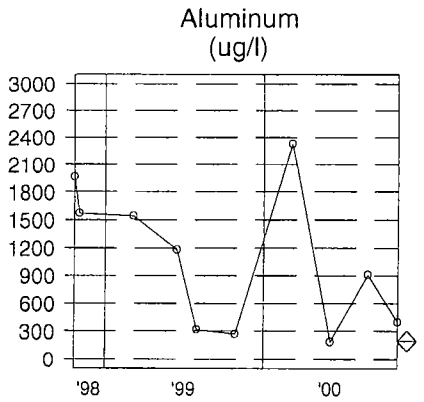

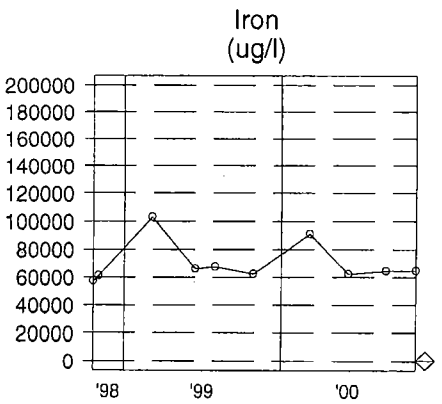

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	Lab	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	2000	4	NLE	NLE	100	NLE	-
10/20/1998	FMETL	405	9.95	ND	561	ND	91700	14100	1.59	15000	V,S,P,M
11/02/1998	FMETL	993	9.2	4.67	513	ND	139000	37100	4.62	20600	V,S,P,M
03/01/1999	FMETL	761	9.86	2.79	947	ND	119000	19700	28	13500	V,S,P,M
06/11/1999	FMETL	708	2.58	ND	592	ND	108000	17300	ND	12800	V,S,P,M
07/27/1999	FMETL	866	7.30	ND	345	1.58	66200	13900	5.49	11900	V,S,P,M
10/26/1999	FMETL	662	ND	ND	635	ND	110000	17900	ND	12500	V,S,P,M
03/02/2000	FMETL	682	ND	ND	760	ND	95500	16200	1.62	10400	V,S,P,M
06/01/2000	FMETL	735	ND	2.32	678	ND	109000	17300	11.6	10300	V,S,P,M
08/28/2000	FMETL	564	1.60	ND	604	ND	104000	16200	ND	11700	V,S,P,M
11/07/2000	FMETL	588	ND	ND	689	ND	110000	16500	ND	11400	V,S,P,M

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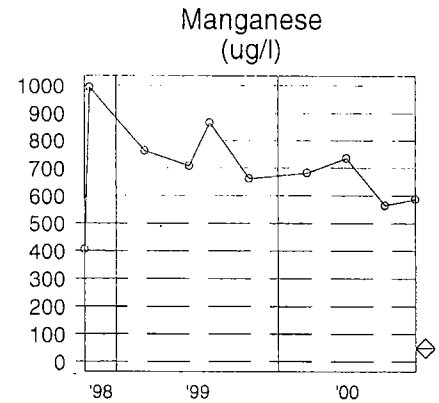

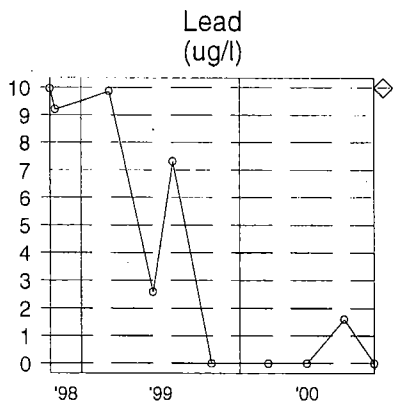

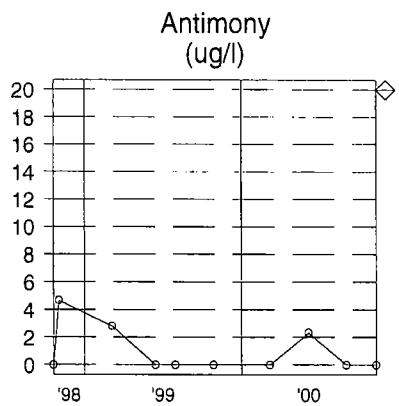

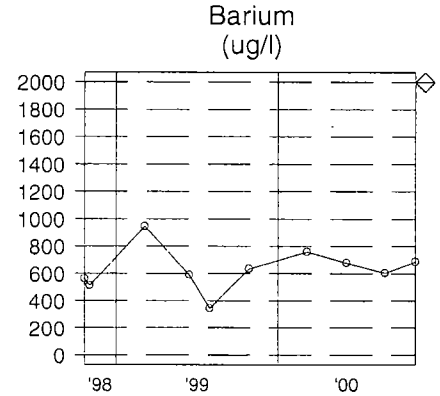

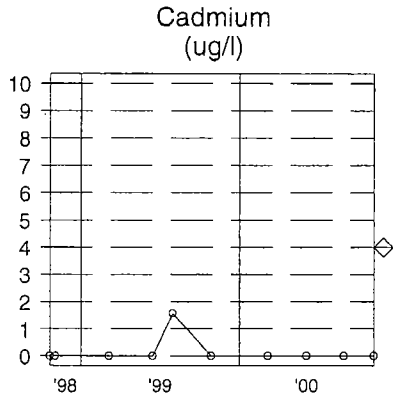

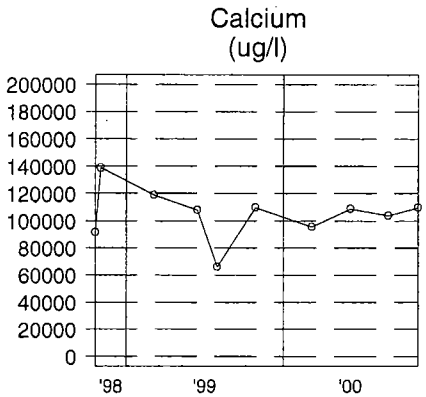

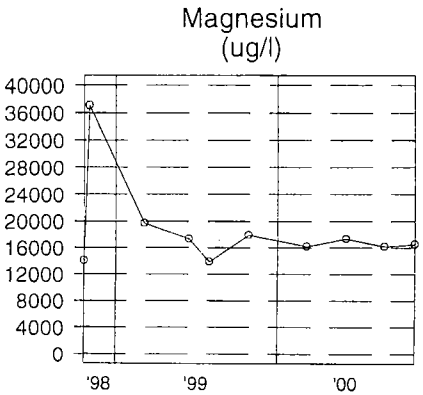

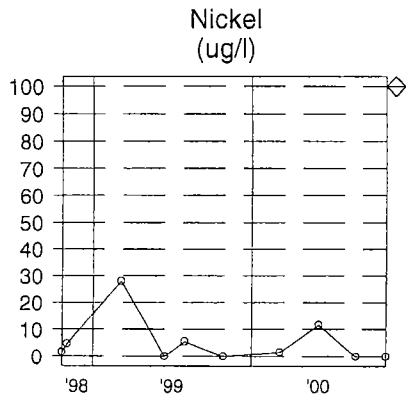

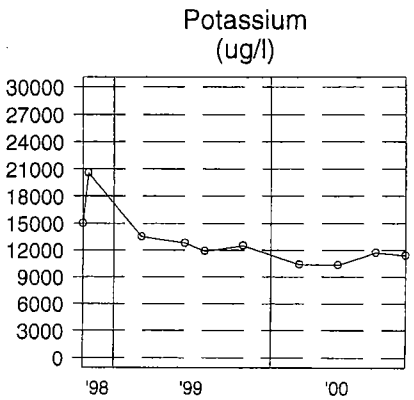

SOURCE: 00M3MW10

Sampling Dates:
10/20/1998 - 11/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 7 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-27-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Sodium	Zinc	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	50000	5000	-							-
10/20/1998	FMETL	15500	35.2	6.11							V,S,P,M
11/02/1998	FMETL	154000	229	6.11							V,S,P,M
03/01/1999	FMETL	16500	144	5.03							V,S,P,M
06/11/1999	FMETL	17300	28.8	5.76							V,S,P,M
07/27/1999	FMETL	24900	91.5	6.08							V,S,P,M
10/26/1999	FMETL	25600	8.12	5.61							V,S,P,M
03/02/2000	FMETL	14400	83.8	5.30							V,S,P,M
06/01/2000	FMETL	14400	19.3	5.53							V,S,P,M
08/28/2000	FMETL	16200	42.2	5.31							V,S,P,M
11/07/2000	FMETL	16400	23.5	5.85							V,S,P,M

SOURCE: 00M3MW10

Sampling Dates:
10/20/1998 - 11/07/2000

NOTES:

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FORT MONMOUTH

GW MONITORING
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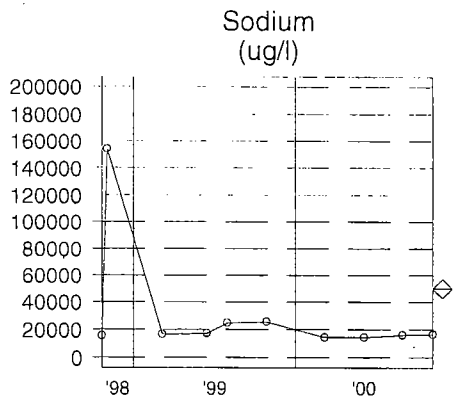
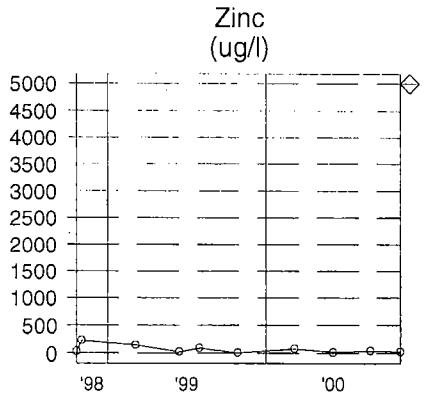
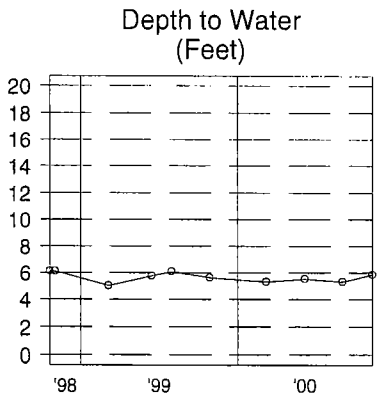
Source 7 of 8

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 00M3MW10

Sampling Dates:
10/20/1998 - 11/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 7 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-27-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	1,2-Di chloro benzene	Acenaph thene	Fluorene	bis(2-Ethyl hexyl) phthalate	4,4'-DDE	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	600	400	300	30	0.1	-
10/07/1998	FMETL	8.14	5.03	24.47	2.46	ND	ND	ND	ND	ND	V,S,P,M
10/23/1998	FMETL	ND	5.56	4.23	2.6	ND	ND	ND	ND	ND	V,S,P,M
03/02/1999	FMETL	ND	2.66	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
06/11/1999	FMETL	ND	5.44	ND	1.57	ND	1.14	1.18	ND	ND	V,S,P,M
07/27/1999	FMETL	ND	5.60	ND	2.99	ND	1.21	1.19	ND	0.012	V,S,P,M
10/26/1999	FMETL	ND	6.28	ND	3.44	ND	1.84	1.84	ND	ND	V,S,P,M
03/02/2000	FMETL	ND	3.26	ND	1.40	ND	ND	ND	ND	ND	V,S,P,M
06/01/2000	FMETL	ND	3.56	ND	1.58	ND	1.16	1.01	ND	ND	V,S,P,M
06/01/2000D	FMETL	ND	3.50	ND	ND	ND	1.32	1.14	ND	ND	V,S,P,M
08/28/2000	FMETL	ND	3.27	ND	1.17	ND	1.16	1.12	1.9	ND	V,S,P,M
11/07/2000	FMETL	ND	5.65	ND	2.87	1.30	1.44	1.32	1.39	ND	V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 11/07/2000

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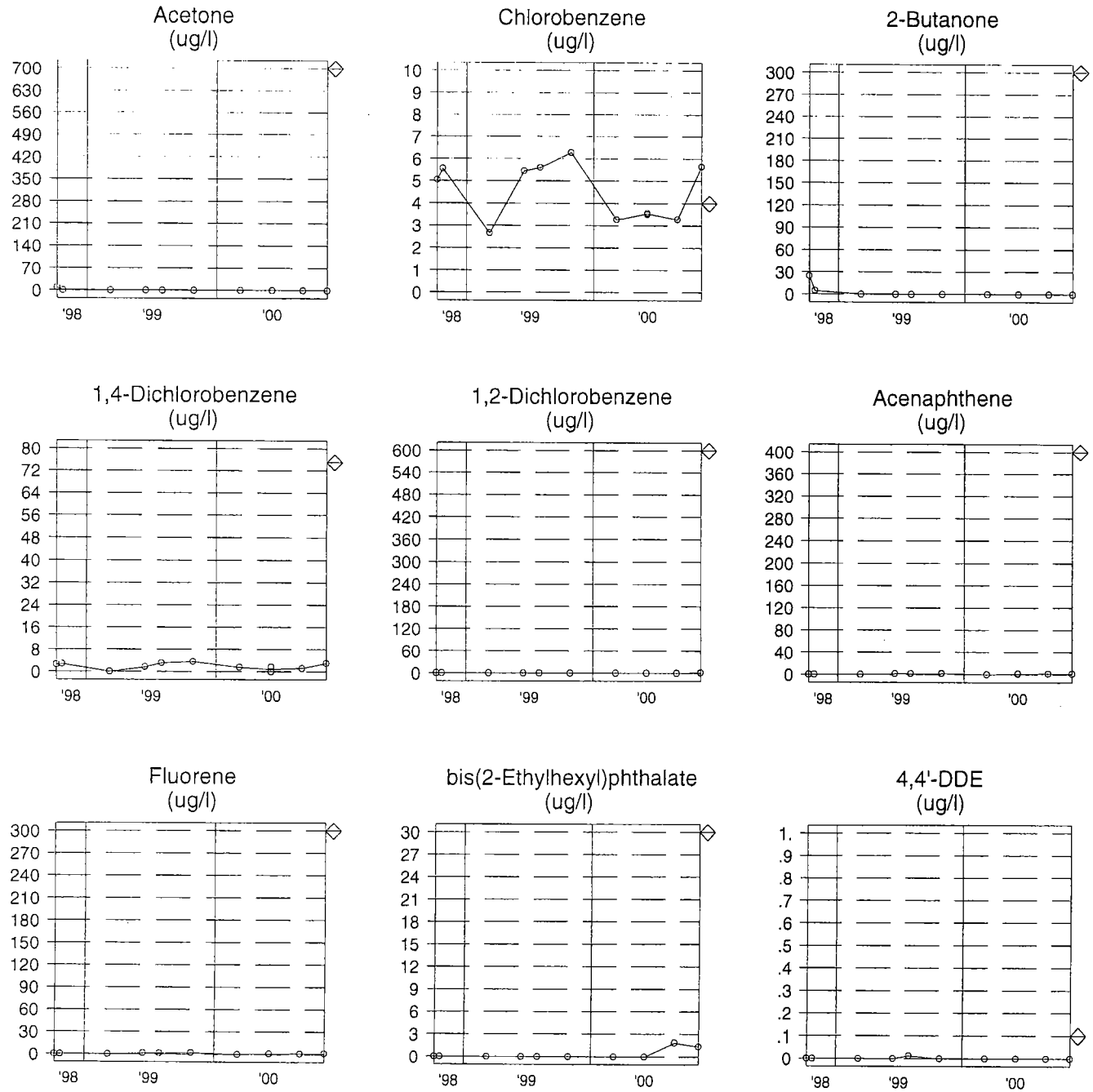
FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 11/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-27-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	4,4'-DDD	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	0.1	200	300	50	10	20	20	2000	4	-
10/07/1998	FMETL	0.04	3480	62200	588	11	ND	ND	393	1.2	V,S,P,M
10/23/1998	FMETL	ND	500	49900	549	3.83	ND	2.52	341	ND	V,S,P,M
03/02/1999	FMETL	ND	6840	73200	1780	11.2	ND	4.45	279	12.3	V,S,P,M
06/11/1999	FMETL	0.079	7620	82400	956	15.2	ND	ND	529	47.3	V,S,P,M
07/27/1999	FMETL	0.044	7580	77800	897	22.3	ND	ND	472	14.6	V,S,P,M
10/26/1999	FMETL	ND	2750	65800	822	7.95	ND	ND	468	7.61	V,S,P,M
03/02/2000	FMETL	ND	1330	47300	1020	ND	1.74	ND	287	15	V,S,P,M
06/01/2000	FMETL	ND	2160	64800	1010	17.8	ND	2.68	436	19.1	V,S,P,M
06/01/2000D	FMETL	ND	1370	59300	1020	6.21	ND	2.69	408	11.7	V,S,P,M
08/28/2000	FMETL	ND	1250	50600	1890	4.17	3.56	ND	271	12.7	V,S,P,M
11/07/2000	FMETL	ND	1380	63600	873	4.35	ND	ND	464	8.89	V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 11/07/2000

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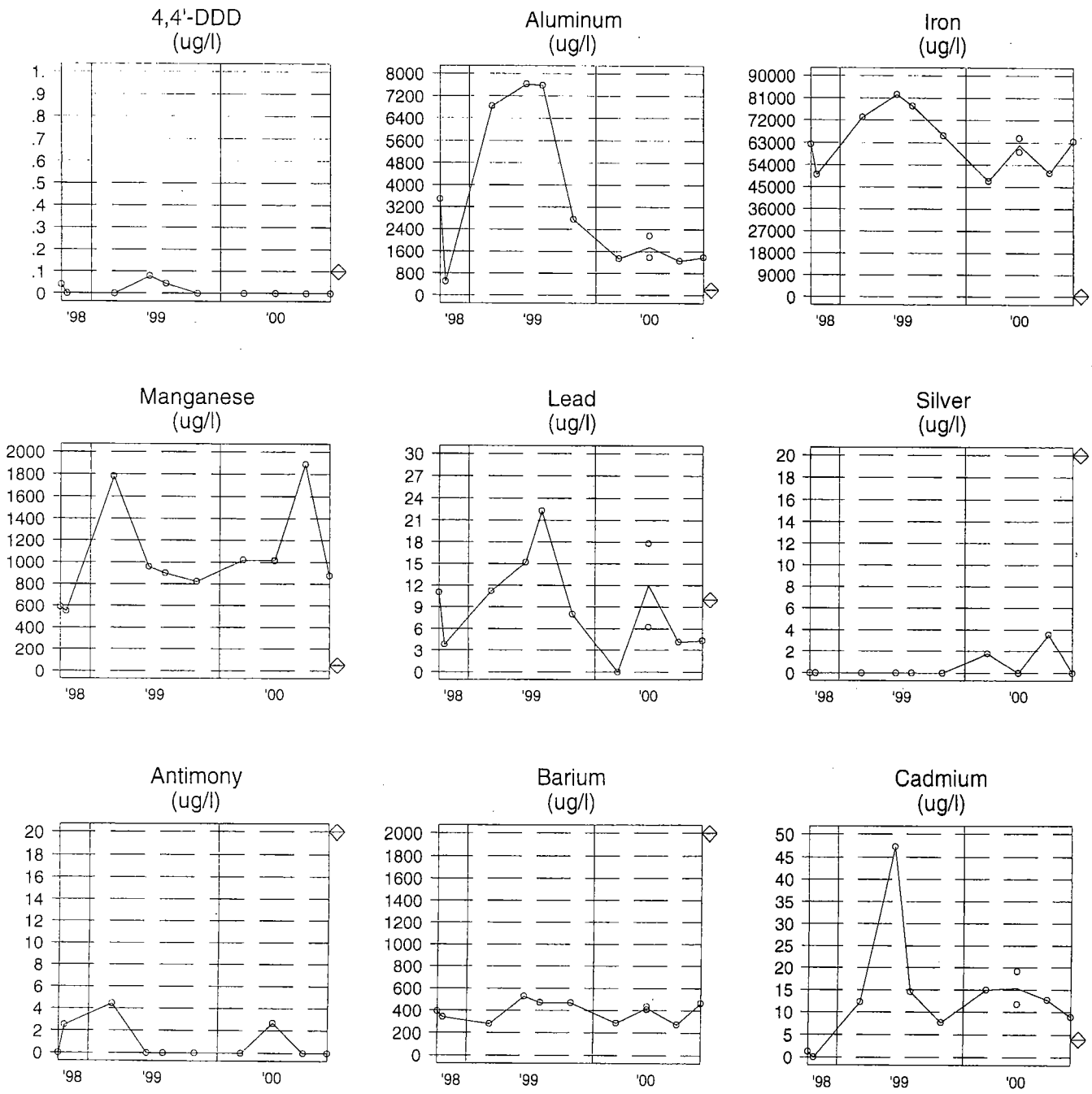
FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 11/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-27-2000 x:\mtech46\frm\m-3\gw\m-3.wsf

	Lab	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	NLE	NLE	100	NLE	50000	5000	-			-
10/07/1998	FMETL	116000	10300	29	12100	13600	435	8.56			V,S,P,M
10/23/1998	FMETL	108000	9020	6.2	8620	7180	98.2	8.63			V,S,P,M
03/02/1999	FMETL	185000	14500	263	8110	14800	3350	7.65			V,S,P,M
06/11/1999	FMETL	108000	10200	79.8	8430	10700	1850	8.27			V,S,P,M
07/27/1999	FMETL	117000	11400	157	9960	10900	2320	8.55			V,S,P,M
10/26/1999	FMETL	112000	9970	24.2	8450	11100	330	8.03			V,S,P,M
03/02/2000	FMETL	151000	13000	359	7320	13200	6050	7.72			V,S,P,M
06/01/2000	FMETL	133000	11300	104	6780	10200	1550	7.93			V,S,P,M
06/01/2000D	FMETL	134000	11300	87.8	6600	10600	1140	7.93			V,S,P,M
08/28/2000	FMETL	133000	11000	469	7090	11300	3850	8.73			V,S,P,M
11/07/2000	FMETL	115000	10000	38.0	7190	9290	1060	8.05			V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 11/07/2000

NOTES:

Page 3 of 3

FORT MONMOUTH

GW MONITORING
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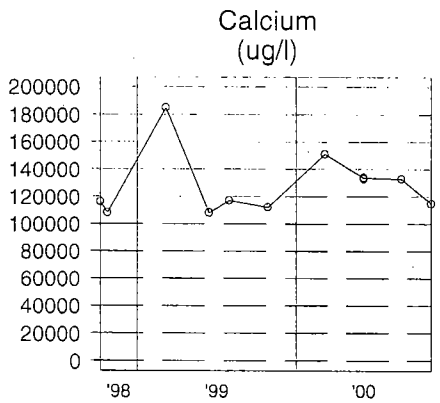
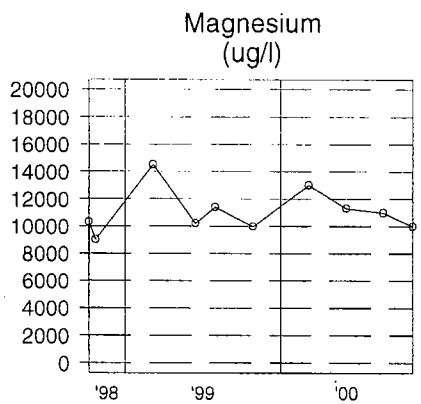
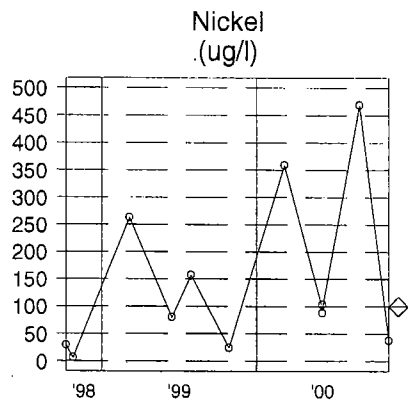
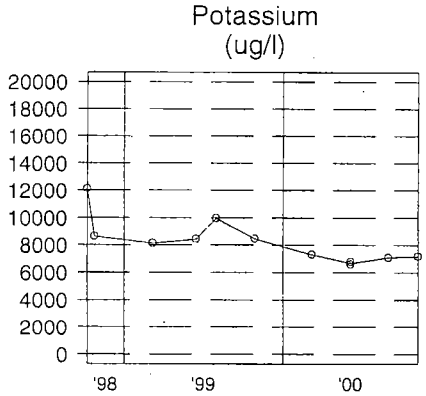
Source 8 of 8

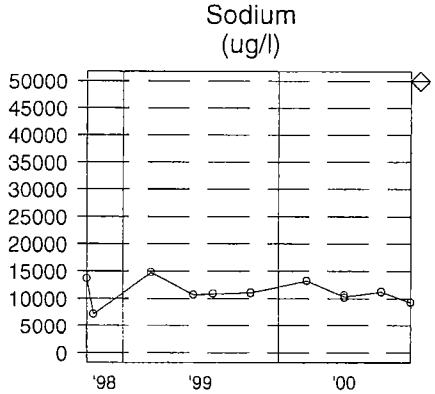
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

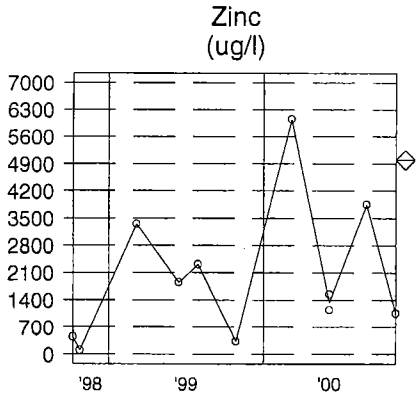


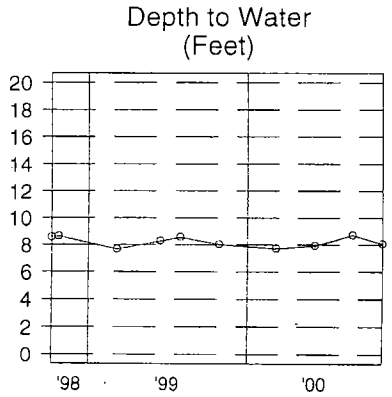












SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 11/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-27-2000 x:\mtech46\fm\m-3\gw\m-3.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-3

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
805	00M3MW04	29-32568	02/14/01
806	00M3MW05	29-32569	02/14/01
807	00M3MW06	29-32570	02/14/01
808	00M3MW07	29-39173	02/14/01
809	00M3MW08	29-39174	02/14/01
810	00M3MW09	29-39175	02/14/01
811	00M3MW10	29-39176	02/14/01
812	00M3MW11	29-39145	02/14/01

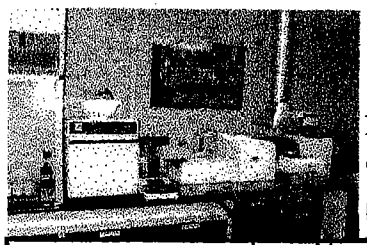
NJDEP Laboratory Certification # 13461

4-2-01

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X26223
(X)DERA ( )OMA ( )Other:
Samplers Name / Company: Corey McCormack, TVS
Project No:
Location: M3 wells 1st Qtr '01

Comments: HCL/<4°C/HNO3

Lims Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL MTLS	Pest/PCB	BNA+35				Hw Read	Remarks / Preservation Method
802 .01	Trip	2/14/01	0740	AQ	2	✓							—	
803 .02	Field Blank		0800		5	✓	✓	✓	✓				—	
804 .03	Dupe		—		5	✓	✓	✓	✓				—	
805 .04	M3 mw04 ★		1042		5	✓	✓	✓	✓				0.0	29-32568
806 .05	M3 mw05		0959		9	✓	✓	✓	✓				0.0	29-32569
807 .06	M3 mw06		0943		5	✓	✓	✓	✓				0.0	29-32570
808 .07	M3 mw07		0818		5	✓	✓	✓	✓				0.0	29-39173
809 .08	M3 mw08		0828		5	✓	✓	✓	✓				0.0	29-39174
810 .09	M3 mw09		0836		5	✓	✓	✓	✓				0.0	29-39175
811 .10	M3 mw10		1317		5	✓	✓	✓	✓				0.0	29-39176
812 .11	M3 mw11	↓	1405	↓	5	✓	✓	✓	✓				0.0	29-39145
~~813~~														
833	M3 MW05 MS				2	✓		✓	✓					
834	M3 MW05 MSD				2	✓		✓	✓					

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	2/14/01 1445	[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, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: MS/MSD here. CPM
Tide: L, L→IH

print legibly

Page 1 of 1

DS 2/15/01 Extracted

Coc.xls1/3/00

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW04
NJDEP ID #: 29-32568
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02/14/01
WEATHER: Overcast, cool.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.93 ft
DEPTH OF WELL: 25.11 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 15.18 ft
(15.18) X .65 X 3 =29.60
GALLONS OF H2O TO BE PURGED: 30 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:31
pH 5.21 su
DISSOLVED O2 5.77 ppm
TEMP 11.5 °C
SPECIFIC CONDUCTIVITY 494 us/cm

PURGE END TIME: 10:41
pH 5.18 su
DISSOLVED O2 5.03 ppm
TEMP 11.0 °C
SPECIFIC CONDUCTIVITY 490 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 10.73 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 30 gal

SAMPLE START TIME: 10:42
pH 5.17 su
DISSOLVED O2 5.02 ppm
TEMP 11.0 °C
SPECIFIC CONDUCTIVITY 490 us/cm

SAMPLE END TIME: 10:49

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW05
NJDEP ID #: 29-32569
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02/14/01
WEATHER: Overcast, cool.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 7.14 ft
DEPTH OF WELL: 18.14 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.00 ft
(11.00) X .65 X 3 =21.45
GALLONS OF H2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:27
pH 6.40 su
DISSOLVED O2 5.91 ppm
TEMP 11.2 °C
SPECIFIC CONDUCTIVITY 988 us/cm

PURGE END TIME: 09:58
pH 6.41 su
DISSOLVED O2 5.27 ppm
TEMP 10.9 °C
SPECIFIC CONDUCTIVITY 981 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 8.33 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 09:59
pH 6.44 su
DISSOLVED O2 5.24 ppm
TEMP 10.9 °C
SPECIFIC CONDUCTIVITY 981 us/cm

SAMPLE END TIME: 10:05

COMMENTS: Particles. MS/MSD here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW06
NJDEP ID #: 29-32570
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02/14/01
WEATHER: Overcast, cool.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.09 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.08 ft
(9.08) X .65 X 3 =17.70
GALLONS OF H2O TO BE PURGED: 18 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:24
pH 6.30 su
DISSOLVED O2 5.81 ppm
TEMP 13.2 °C
SPECIFIC CONDUCTIVITY 647 us/cm

PURGE END TIME: 09:42
pH 6.32 su
DISSOLVED O2 5.11 ppm
TEMP 12.5 °C
SPECIFIC CONDUCTIVITY 642 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 9.90 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 18 gal

SAMPLE START TIME: 09:43
pH 6.33 su
DISSOLVED O2 5.07 ppm
TEMP 12.5 °C
SPECIFIC CONDUCTIVITY 642 us/cm

SAMPLE END TIME: 09:49

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW07
NJDEP ID #: 29-39173
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02/14/01
WEATHER: Overcast, cool.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 10.03 ft
DEPTH OF WELL: 18.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.45 ft
(8.45) X .163 X 3 =4.13
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:00
pH 6.82 su
DISSOLVED O2 5.99 ppm
TEMP 12.1 °C
SPECIFIC CONDUCTIVITY 3.25 ms/cm

PURGE END TIME: 08:17
pH 6.79 su
DISSOLVED O2 5.23 ppm
TEMP 11.5 °C
SPECIFIC CONDUCTIVITY 3.25 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 12.67 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 08:18
pH 6.79 su
DISSOLVED O2 5.23 ppm
TEMP 11.5 °C
SPECIFIC CONDUCTIVITY 3.25 ms/cm

SAMPLE END TIME: 08:24

COMMENTS: Slightly cloudy, particles.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW08
NJDEP ID #: 29-39174
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02/14/01
WEATHER: Overcast, cool.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 5.62 ft
DEPTH OF WELL: 15.23 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.61 ft
(9.61) X .163 X 3 =4.69
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:05
pH 6.59 su
DISSOLVED O2 6.21 ppm
TEMP 10.1 °C
SPECIFIC CONDUCTIVITY 813 us/cm

PURGE END TIME: 08:27
pH 6.54 su
DISSOLVED O2 5.33 ppm
TEMP 9.7 °C
SPECIFIC CONDUCTIVITY 813 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 6.73 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 08:28
pH 6.54 su
DISSOLVED O2 5.31 ppm
TEMP 9.7 °C
SPECIFIC CONDUCTIVITY 813 us/cm

SAMPLE END TIME: 08:35

COMMENTS: Cloudy, brown.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW09
NJDEP ID #: 29-39175
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02/14/01
WEATHER: Overcast, cool.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 11.02 ft
DEPTH OF WELL: 16.95 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 5.92 ft
(5.92) X .163 X 3 =2.89
GALLONS OF H2O TO BE PURGED: 3 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:15
pH 6.49 su
DISSOLVED O2 5.87 ppm
TEMP 10.1 °C
SPECIFIC CONDUCTIVITY 763 us/cm

PURGE END TIME: 08:28
pH 6.44 su
DISSOLVED O2 5.23 ppm
TEMP 9.6 °C
SPECIFIC CONDUCTIVITY 761 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 11.99 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 3 gal

SAMPLE START TIME: 08:36
pH 6.45 su
DISSOLVED O2 5.20 ppm
TEMP 9.6 °C
SPECIFIC CONDUCTIVITY 760 us/cm

SAMPLE END TIME: 08:41

COMMENTS: Particles.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW10
NJDEP ID #: 29-39176
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02/14/01
WEATHER: Overcast, cool.
TIDE: Low-Incoming.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 5.18 ft
DEPTH OF WELL: 16.05 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.87 ft
(10.87) X .163 X 3 =5.31
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:54
pH 6.59 su
DISSOLVED O2 5.97 ppm
TEMP 10.9 °C
SPECIFIC CONDUCTIVITY 894 us/cm

PURGE END TIME: 13:16
pH 6.53 su
DISSOLVED O2 5.25 ppm
TEMP 10.4 °C
SPECIFIC CONDUCTIVITY 895 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 6.57 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 13:17
pH 6.53 su
DISSOLVED O2 5.23 ppm
TEMP 10.2 °C
SPECIFIC CONDUCTIVITY 894 us/cm

SAMPLE END TIME: 13:24

COMMENTS: Cloudy.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW11
NJDEP ID #: 29-39145
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02/14/01
WEATHER: Overcast, cool.
TIDE: Low-Incoming.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 7.25 ft
DEPTH OF WELL: 16.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.25 ft
(9.25) X .163 X 3 =4.52
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:42
pH 6.51 su
DISSOLVED O2 5.89 ppm
TEMP 11.5 °C
SPECIFIC CONDUCTIVITY 1026 us/cm

PURGE END TIME: 14:04
pH 6.45 su
DISSOLVED O2 5.20 ppm
TEMP 11.4 °C
SPECIFIC CONDUCTIVITY 1021 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 8.45 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 14:05
pH 6.44 su
DISSOLVED O2 5.20 ppm
TEMP 11.4 °C
SPECIFIC CONDUCTIVITY 1021 us/cm

SAMPLE END TIME: 14:10

COMMENTS: Cloudy.

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	**:**	**Method Detection Limit**
J	**:**	**Compound identified below detection limit**
B	**:**	**Compound found in blank**
D	**:**	**Results are from a dilution of the sample**
U	**:**	**Compound searched for but not detected**
E	**:**	**Compound exceeds calibration limit**
PQL	**:**	**Practical Quantitation Limit**
NLE	**:**	**No limit established**
RT	**:**	**Retention time**

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005021.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB 022101**
Date Aquired	**21-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 022101**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 802-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005021.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: not dec. Date Analyzed: 2/21/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005024.D**	Sample Name	**802**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**21-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 802-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 802

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005024.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: not dec. Date Analyzed: 2/21/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005025.D**	Sample Name	**803**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**21-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 802-812 Location: M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 803

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005025.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: not dec. _____ Date Analyzed: 2/21/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005026.D**	Sample Name	**804**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**21-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 802-812 Location: M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 804

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005026.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: not dec. _____ Date Analyzed: 2/21/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005027.D**	Sample Name	**805**
Operator	**Skelton**	Field ID	**M3MW04**
Date Aquired	**21-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 802-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 805

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005027.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: not dec. Date Analyzed: 2/21/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005030.D**	Sample Name	**806**
Operator	**Skelton**	Field ID	**M3MW05**
Date Aquired	**21-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	470007	3.33 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 802-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 806

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005030.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: not dec. Date Analyzed: 2/21/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005031.D**	Sample Name	**807**
Operator	**Skelton**	Field ID	**M3MW06**
Date Aquired	**21-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	236899	1.65 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW06**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 802-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 807

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005031.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: not dec. Date Analyzed: 2/21/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005032.D**	Sample Name	**808**
Operator	**Skelton**	Field ID	**M3MW07**
Date Aquired	**22-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride	5.01	230631	4.22 ug/L	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.73	285599	3.75 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW07**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 802-812 Location: M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 808

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005032.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: not dec. _____ Date Analyzed: 2/22/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005033.D**	Sample Name	**809**
Operator	**Skelton**	Field ID	**M3MW08**
Date Aquired	**22-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW08**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 802-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 809

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005033.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: not dec. Date Analyzed: 2/22/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005034.D**	Sample Name	**810**
Operator	**Skelton**	Field ID	**M3MW09**
Date Aquired	**22-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	1918673	14.74 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	109704	1.33 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW09**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 802-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 810

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005034.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: not dec. Date Analyzed: 2/22/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005035.D**	Sample Name	**811**
Operator	**Skelton**	Field ID	**M3MW10**
Date Aquired	**22-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	1846408	13.84 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW10**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 802-812 Location: M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 811

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005035.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: not dec. _____ Date Analyzed: 2/22/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005036.D**	Sample Name	**812**
Operator	**Skelton**	Field ID	**M3MW11**
Date Aquired	**22-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	229713	1.64 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

3/13/01 3:04 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW11**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 802-812 Location: M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 812

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005036.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: not dec. _____ Date Analyzed: 2/22/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04986.D**	Sample Name	**MB-910**
Operator	**Bhaskar**	Misc Info	**MB-022001**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04986.D**	Sample Name	**MB-910**
Operator	**Bhaskar**	Misc Info	**MB-022001**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-910**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 803-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-910

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04986.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: decanted: (Y/N) N Date Extracted: 2/20/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/22/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.08	10	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04987.D**	Sample Name	**803**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04987.D**	Sample Name	**803**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 803-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 803

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04987.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: decanted: (Y/N) N Date Extracted: 2/20/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/22/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.08	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04988.D**	Sample Name	**804**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04988.D**	Sample Name	**804**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 803-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 804

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04988.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: decanted: (Y/N) N Date Extracted: 2/20/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/22/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.08	10	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04989.D**	Sample Name	**805**
Operator	**Bhaskar**	Misc Info	**M3MW04**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04989.D**	Sample Name	**805**
Operator	**Bhaskar**	Misc Info	**M3MW04**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 803-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 805

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04989.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: decanted: (Y/N) N Date Extracted: 2/20/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/22/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.08	9	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04992.D**	Sample Name	**806**
Operator	**Bhaskar**	Misc Info	**M3MW05**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04992.D**	Sample Name	**806**
Operator	**Bhaskar**	Misc Info	**M3MW05**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.92	69900	1.48 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 803-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 806

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04992.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: decanted: (Y/N) N Date Extracted: 2/20/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/22/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.08	10	J
2.	unknown	19.72	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04993.D**	Sample Name	**807**
Operator	**Bhaskar**	Misc Info	**M3MW06**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04993.D**	Sample Name	**807**
Operator	**Bhaskar**	Misc Info	**M3MW06**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW06**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 803-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 807

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04993.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: decanted: (Y/N) N Date Extracted: 2/20/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/22/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.08	12	J
2. 000496-11-7	Indane	10.88	7	JN
3. 000632-46-2	Benzoic acid, 2,6-dimethyl-	15.58	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04994.D**	Sample Name	**808**
Operator	**Bhaskar**	Misc Info	**M3MW07**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04994.D**	Sample Name	**808**
Operator	**Bhaskar**	Misc Info	**M3MW07**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW07**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 803-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 808

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04994.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: decanted: (Y/N) N Date Extracted: 2/20/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/22/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.08	7	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04995.D**	Sample Name	**809**
Operator	**Bhaskar**	Misc Info	**M3MW08**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04995.D**	Sample Name	**809**
Operator	**Bhaskar**	Misc Info	**M3MW08**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW08**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 803-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 809

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04995.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: decanted: (Y/N) N Date Extracted: 2/20/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/22/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.08	13	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04996.D**	Sample Name	**810**
Operator	**Bhaskar**	Misc Info	**M3MW09**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04996.D**	Sample Name	**810**
Operator	**Bhaskar**	Misc Info	**M3MW09**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.94	58285	1.59 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW09**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 803-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 810

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04996.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: decanted: (Y/N) N Date Extracted: 2/20/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/22/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.08	13	J
2. 000101-83-7	Cyclohexanamine, N-cyclohexyl-	16.87	8	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04997.D**	Sample Name	**811**
Operator	**Bhaskar**	Misc Info	**M3MW10**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene	17.75	35414	1.03 ug/L	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04997.D**	Sample Name	**811**
Operator	**Bhaskar**	Misc Info	**M3MW10**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW10**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 803-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 811

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04997.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: decanted: (Y/N) N Date Extracted: 2/20/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/22/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.08	13	J
2. 000496-11-7	Indane	10.88	4	JN
3.	unknown	19.72	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04998.D**	Sample Name	**812**
Operator	**Bhaskar**	Misc Info	**M3MW11**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04998.D**	Sample Name	**812**
Operator	**Bhaskar**	Misc Info	**M3MW11**
Date Acquired	**22-Feb-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW11**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 803-812 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 812

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04998.D

Level: (low/med) LOW Date Received: 2/14/01

% Moisture: decanted: (Y/N) N Date Extracted: 2/20/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/22/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.08	11	J

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB-842
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/01
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	803
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/14/01
	Bldg. 173	**Extraction Date:**	2/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	804
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/14/01
	Bldg. 173	**Extraction Date:**	2/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	805
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/14/01
	Bldg. 173	**Extraction Date:**	2/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	806
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/14/01
	Bldg. 173	**Extraction Date:**	2/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	807
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/14/01
	Bldg. 173	**Extraction Date:**	2/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	808
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/14/01
	Bldg. 173	**Extraction Date:**	2/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	809
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/14/01
	Bldg. 173	**Extraction Date:**	2/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	810
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/14/01
	Bldg. 173	**Extraction Date:**	2/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	811
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/14/01
	Bldg. 173	**Extraction Date:**	2/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	812
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/14/01
	Bldg. 173	**Extraction Date:**	2/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 802-812
Sample Prepared: 03/20/01

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	03/21/01	ND	200	10.0
Antimony	03/21/01	ND	20	2.0
Arsenic	03/21/01	4.68	8	2.0
Barium	03/21/01	ND	2000	0.5
Beryllium	03/21/01	ND	20	0.5
Cadmium	03/21/01	ND	4	0.5
Calcium	03/21/01	ND	NLE	20.0
Chromium	03/21/01	ND	100	0.5
Cobalt	03/21/01	ND	NLE	0.5
Copper	03/21/01	84.8	1000	2.0
Iron	03/21/01	29.0	300	10.0
Lead	03/21/01	ND	10	1.0
Magnesium	03/21/01	ND	NLE	10.0
Manganese	03/21/01	ND	50	0.5
Mercury	02/20/01	ND	2	0.1
Nickel	03/21/01	ND	100	1.0
Potassium	03/21/01	74.6	NLE	40.0
Selenium	03/21/01	ND	50	3.0
Silver	03/21/01	ND	20	1.0
Sodium	03/21/01	307	50000	20.0
Thallium	03/21/01	ND	10	2.0
Vanadium	03/21/01	ND	NLE	0.5
Zinc	03/21/01	29.8	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 803
Sample Received: 02/14/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	03/21/01	ND	200	10.0
Antimony	03/21/01	ND	20	2.0
Arsenic	03/21/01	3.71	8	2.0
Barium	03/21/01	ND	2000	0.5
Beryllium	03/21/01	ND	20	0.5
Cadmium	03/21/01	ND	4	0.5
Calcium	03/21/01	121	NLE	20.0
Chromium	03/21/01	ND	100	0.5
Cobalt	03/21/01	ND	NLE	0.5
Copper	03/21/01	ND	1000	2.0
Iron	03/21/01	ND	300	2.0
Lead	03/21/01	ND	10	1.0
Magnesium	03/21/01	ND	NLE	10.0
Manganese	03/21/01	ND	50	0.5
Mercury	02/20/01	ND	2	0.1
Nickel	03/21/01	ND	100	1.0
Potassium	03/21/01	ND	NLE	40.0
Selenium	03/21/01	ND	50	3.0
Silver	03/21/01	ND	20	1.0
Sodium	03/21/01	270	50000	20.0
Thallium	03/21/01	ND	10	2.0
Vanadium	03/21/01	ND	NLE	0.5
Zinc	03/21/01	ND	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 804
Sample Received: 02/14/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	03/21/01	177	200	10.0
Antimony	03/21/01	ND	20	2.0
Arsenic	03/21/01	4.55	8	2.0
Barium	03/21/01	133	2000	0.5
Beryllium	03/21/01	ND	20	0.5
Cadmium	03/21/01	ND	4	0.5
Calcium	03/21/01	41500	NLE	20.0
Chromium	03/21/01	3.19	100	0.5
Cobalt	03/21/01	8.92	NLE	0.5
Copper	03/21/01	ND	1000	2.0
Iron	03/21/01	5310	300	10.0
Lead	03/21/01	ND	10	1.0
Magnesium	03/21/01	9970	NLE	10.0
Manganese	03/21/01	44.0	50	0.5
Mercury	02/20/01	ND	2	0.1
Nickel	03/21/01	38.1	100	1.0
Potassium	03/21/01	6140	NLE	40.0
Selenium	03/21/01	ND	50	3.0
Silver	03/21/01	ND	20	1.0
Sodium	03/21/01	21600	50000	20.0
Thallium	03/21/01	ND	10	2.0
Vanadium	03/21/01	0.969	NLE	0.5
Zinc	03/21/01	70.9	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 805
Sample Received: 02/14/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	03/21/01	148	200	10.0
Antimony	03/21/01	ND	20	2.0
Arsenic	03/21/01	3.62	8	2.0
Barium	03/21/01	127	2000	0.5
Beryllium	03/21/01	ND	20	0.5
Cadmium	03/21/01	ND	4	0.5
Calcium	03/21/01	40000	NLE	20.0
Chromium	03/21/01	0.909	100	0.5
Cobalt	03/21/01	8.99	NLE	0.5
Copper	03/21/01	ND	1000	2.0
Iron	03/21/01	2990	300	10.0
Lead	03/21/01	ND	10	1.0
Magnesium	03/21/01	9910	NLE	10.0
Manganese	03/21/01	42.1	50	0.5
Mercury	02/20/01	37.0	2	0.1
Nickel	03/21/01	37.0	100	1.0
Potassium	03/21/01	5950	NLE	40.0
Selenium	03/21/01	ND	50	3.0
Silver	03/21/01	ND	20	1.0
Sodium	03/21/01	21400	50000	20.0
Thallium	03/21/01	ND	10	2.0
Vanadium	03/21/01	ND	NLE	0.5
Zinc	03/21/01	68.4	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 806
Sample Received: 02/14/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	03/21/01	ND	200	10.0
Antimony	03/21/01	ND	20	2.0
Arsenic	03/21/01	ND	8	2.0
Barium	03/21/01	639	2000	0.5
Beryllium	03/21/01	ND	20	0.5
Cadmium	03/21/01	0.81	4	0.5
Calcium	03/21/01	99300	NLE	20.0
Chromium	03/21/01	0.581	100	0.5
Cobalt	03/21/01	ND	NLE	0.5
Copper	03/21/01	ND	1000	2.0
Iron	03/21/01	66300	300	10.0
Lead	03/21/01	ND	10	1.0
Magnesium	03/21/01	17300	NLE	10.0
Manganese	03/21/01	426	50	0.5
Mercury	02/20/01	ND	2	0.1
Nickel	03/21/01	ND	100	1.0
Potassium	03/21/01	10700	NLE	40.0
Selenium	03/21/01	ND	50	3.0
Silver	03/21/01	ND	20	1.0
Sodium	03/21/01	16200	50000	20.0
Thallium	03/21/01	ND	10	2.0
Vanadium	03/21/01	ND	NLE	0.5
Zinc	03/21/01	5.86	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 807
Sample Received: 02/14/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	03/21/01	ND	200	10.0
Antimony	03/21/01	2.32	20	2.0
Arsenic	03/21/01	ND	8	2.0
Barium	03/21/01	64.1	2000	0.5
Beryllium	03/21/01	ND	20	0.5
Cadmium	03/21/01	ND	4	0.5
Calcium	03/21/01	107000	NLE	20.0
Chromium	03/21/01	2.50	100	0.5
Cobalt	03/21/01	0.647	NLE	0.5
Copper	03/21/01	ND	1000	2.0
Iron	03/21/01	13600	300	10.0
Lead	03/21/01	ND	10	1.0
Magnesium	03/21/01	24100	NLE	10.0
Manganese	03/21/01	623	50	0.5
Mercury	02/20/01	ND	2	0.1
Nickel	03/21/01	7.15	100	1.0
Potassium	03/21/01	7130	NLE	40.0
Selenium	03/21/01	ND	50	3.0
Silver	03/21/01	ND	20	1.0
Sodium	03/21/01	13800	50000	20.0
Thallium	03/21/01	ND	10	2.0
Vanadium	03/21/01	ND	NLE	0.5
Zinc	03/21/01	203	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 808
Sample Received: 02/14/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	03/21/01	67.6	200	10.0
Antimony	03/21/01	ND	20	2.0
Arsenic	03/21/01	5.47	8	2.0
Barium	03/21/01	221	2000	0.5
Beryllium	03/21/01	ND	20	0.5
Cadmium	03/21/01	ND	4	0.5
Calcium	03/21/01	164000	NLE	20.0
Chromium	03/21/01	7.64	100	0.5
Cobalt	03/21/01	ND	NLE	0.5
Copper	03/21/01	ND	1000	2.0
Iron	03/21/01	17100	300	10.0
Lead	03/21/01	ND	10	1.0
Magnesium	03/21/01	77700	NLE	10.0
Manganese	03/21/01	697	50	0.5
Mercury	02/20/01	ND	2	0.1
Nickel	03/21/01	ND	100	1.0
Potassium	03/21/01	25800	NLE	40.0
Selenium	03/21/01	ND	50	3.0
Silver	03/21/01	ND	20	1.0
Sodium	03/21/01	468000	50000	20.0
Thallium	03/21/01	ND	10	2.0
Vanadium	03/21/01	1.35	NLE	0.5
Zinc	03/21/01	89.3	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 809
Sample Received: 02/14/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	03/21/01	138	200	10.0
Antimony	03/21/01	ND	20	2.0
Arsenic	03/21/01	ND	8	2.0
Barium	03/21/01	380	2000	0.5
Beryllium	03/21/01	ND	20	0.5
Cadmium	03/21/01	ND	4	0.5
Calcium	03/21/01	72600	NLE	20.0
Chromium	03/21/01	3.34	100	0.5
Cobalt	03/21/01	ND	NLE	0.5
Copper	03/21/01	ND	1000	2.0
Iron	03/21/01	62200	300	10.0
Lead	03/21/01	ND	10	1.0
Magnesium	03/21/01	16500	NLE	10.0
Manganese	03/21/01	629	50	0.5
Mercury	02/20/01	ND	2	0.1
Nickel	03/21/01	ND	100	1.0
Potassium	03/21/01	5900	NLE	40.0
Selenium	03/21/01	ND	50	3.0
Silver	03/21/01	ND	20	1.0
Sodium	03/21/01	32500	50000	20.0
Thallium	03/21/01	ND	10	2.0
Vanadium	03/21/01	ND	NLE	0.5
Zinc	03/21/01	25.8	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 810
Sample Received: 02/14/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	03/21/01	73.4	200	10.0
Antimony	03/21/01	ND	20	2.0
Arsenic	03/21/01	ND	8	2.0
Barium	03/21/01	402	2000	0.5
Beryllium	03/21/01	ND	20	0.5
Cadmium	03/21/01	ND	4	0.5
Calcium	03/21/01	68800	NLE	20.0
Chromium	03/21/01	2.26	100	0.5
Cobalt	03/21/01	ND	NLE	0.5
Copper	03/21/01	ND	1000	2.0
Iron	03/21/01	62400	300	10.0
Lead	03/21/01	ND	10	1.0
Magnesium	03/21/01	15500	NLE	10.0
Manganese	03/21/01	974	50	0.5
Mercury	02/20/01	ND	2	0.1
Nickel	03/21/01	ND	100	1.0
Potassium	03/21/01	8840	NLE	40.0
Selenium	03/21/01	ND	50	3.0
Silver	03/21/01	ND	20	1.0
Sodium	03/21/01	12100	50000	20.0
Thallium	03/21/01	ND	10	2.0
Vanadium	03/21/01	ND	NLE	0.5
Zinc	03/21/01	21.6	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 811
Sample Received: 02/14/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	03/21/01	97.0	200	10.0
Antimony	03/21/01	ND	20	2.0
Arsenic	03/21/01	2.28	8	2.0
Barium	03/21/01	762	2000	0.5
Beryllium	03/21/01	ND	20	0.5
Cadmium	03/21/01	2.93	4	0.5
Calcium	03/21/01	92600	NLE	20.0
Chromium	03/21/01	2.82	100	0.5
Cobalt	03/21/01	ND	NLE	0.5
Copper	03/21/01	ND	1000	2.0
Iron	03/21/01	84400	300	10.0
Lead	03/21/01	ND	10	1.0
Magnesium	03/21/01	14800	NLE	10.0
Manganese	03/21/01	630	50	0.5
Mercury	02/20/01	ND	2	0.1
Nickel	03/21/01	ND	100	1.0
Potassium	03/21/01	8440	NLE	40.0
Selenium	03/21/01	ND	50	3.0
Silver	03/21/01	ND	20	1.0
Sodium	03/21/01	12300	50000	20.0
Thallium	03/21/01	ND	10	2.0
Vanadium	03/21/01	ND	NLE	0.5
Zinc	03/21/01	21.9	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 812
Sample Received: 02/14/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW11

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	03/21/01	289	200	10.0
Antimony	03/21/01	ND	20	2.0
Arsenic	03/21/01	5.51	8	2.0
Barium	03/21/01	330	2000	0.5
Beryllium	03/21/01	ND	20	0.5
Cadmium	03/21/01	6.31	4	0.5
Calcium	03/21/01	163000	NLE	20.0
Chromium	03/21/01	2.43	100	0.5
Cobalt	03/21/01	6.50	NLE	0.5
Copper	03/21/01	14.3	1000	2.0
Iron	03/21/01	43300	300	10.0
Lead	03/21/01	ND	10	1.0
Magnesium	03/21/01	13000	NLE	10.0
Manganese	03/21/01	1400	50	0.5
Mercury	02/20/01	ND	2	0.1
Nickel	03/21/01	530	100	1.0
Potassium	03/21/01	7190	NLE	40.0
Selenium	03/21/01	4.98	50	3.0
Silver	03/21/01	ND	20	1.0
Sodium	03/21/01	20100	50000	20.0
Thallium	03/21/01	ND	10	2.0
Vanadium	03/21/01	ND	NLE	0.5
Zinc	03/21/01	3140	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Acetone	Di-n-butyl phthalate	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	900	200	300	50	10	20	20	2000	-
05/01/1997	FMETL	ND	83	330	270	39	ND	21	-	-	V,S,P,M
08/07/1997	FMETL	ND	1.95	139	140	62	0.6	ND	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	146	2550	64	16	ND	ND	94.5	V,S,P,M
02/17/1998	FMETL	ND	13.6	430	206	56	ND	ND	ND	84.5	V,S,P,M
05/05/1998	FMETL	ND	ND	461	433	6.6	ND	ND	9	38	V,S,P,M
07/07/1998	FMETL	ND	ND	877	4990	39.4	ND	ND	5.24	131	V,S,P,M
10/27/1998	FMETL	ND	ND	121	1260	41.8	ND	ND	8.54	126	V,S,P,M
03/01/1999	FMETL	ND	ND	815	2390	27.2	2.28	ND	3.95	91	V,S,P,M
06/11/1999	FMETL	ND	ND	244	1030	55.7	ND	ND	ND	150	V,S,P,M
07/27/1999	FMETL	ND	ND	137	515	72.6	ND	ND	2.41	159	V,S,P,M
10/26/1999	FMETL	ND	ND	111	2270	44.4	ND	ND	ND	112	V,S,P,M
03/02/2000	FMETL	ND	ND	219	1390	40.8	ND	ND	ND	137	V,S,P,M
03/02/2000D	FMETL	ND	ND	367	1910	153	ND	ND	10.4	156	V,S,P,M
06/01/2000	FMETL	ND	ND	281	1390	22.4	2.93	ND	3.10	71.8	V,S,P,M
08/28/2000	FMETL	ND	ND	231	3960	49.4	1.37	ND	ND	176	V,S,P,M
08/28/2000D	FMETL	ND	ND	431	4710	48.9	1.91	ND	ND	177	V,S,P,M
11/07/2000	FMETL	5.16	ND	129	4940	54.4	ND	ND	ND	200	V,S,P,M
02/14/2001	FMETL	ND	ND	148	2990	42.1	ND	ND	ND	127	V,S,P,M
02/14/2001D	FMETL	ND	ND	177	5310	44.0	ND	ND	ND	133	V,S,P,M

SOURCE: 00M3MW04

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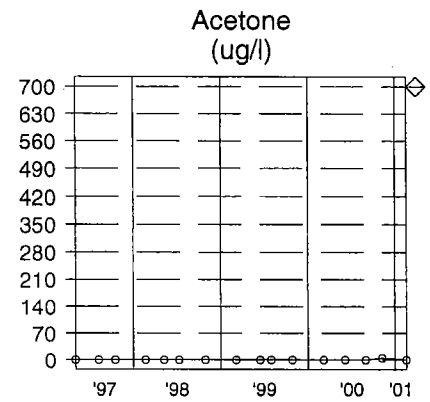

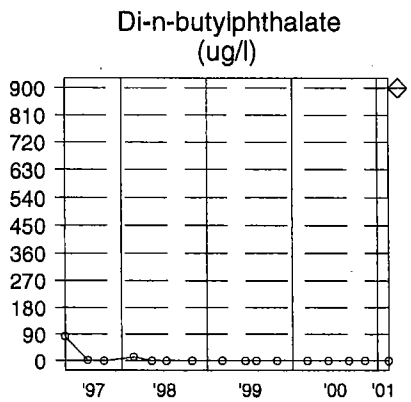

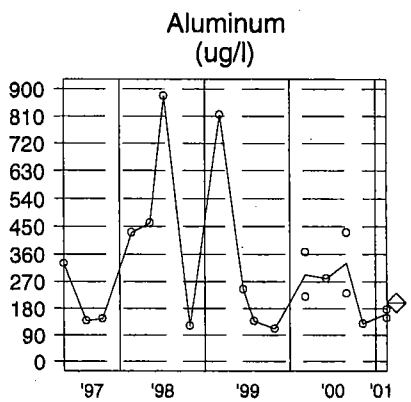

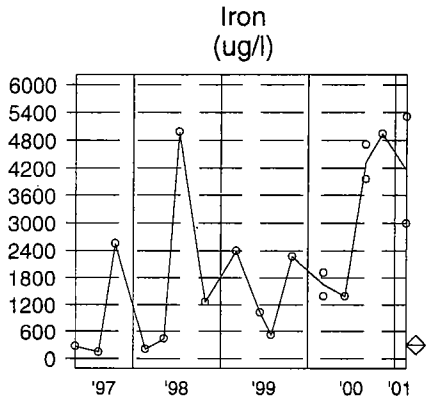

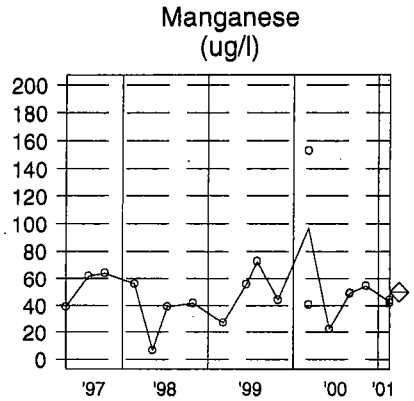

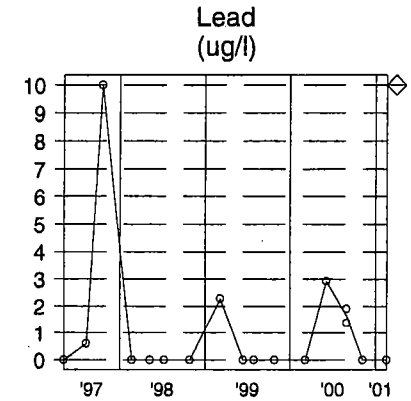

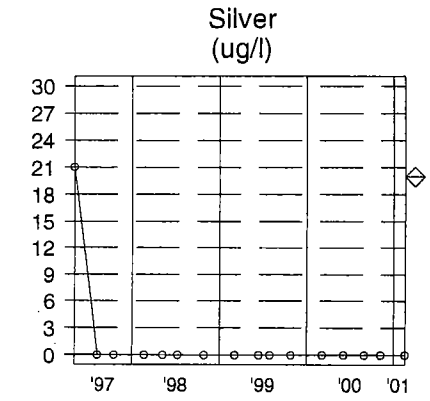

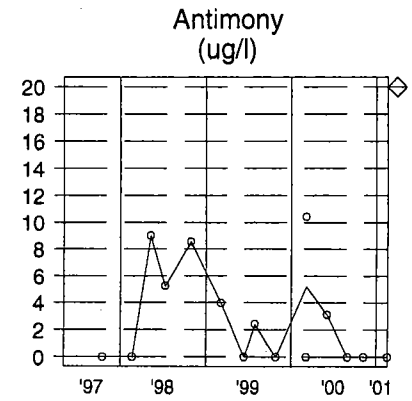

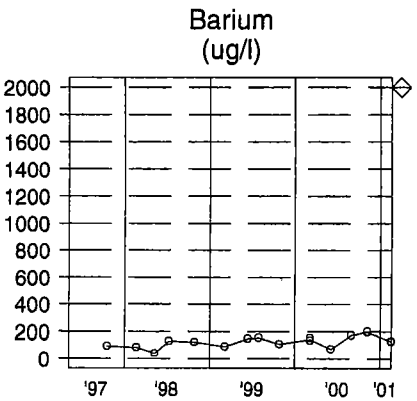

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	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
05/01/1997	FMETL	-	-	-	-	-	-	-	10.55		V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	-	13.30		V,S,P,M
10/16/1997	FMETL	2.8	48790	6590	25.3	8040	18650	124	14.10		V,S,P,M
02/17/1998	FMETL	2.2	26330	8530	36	5700	16740	88	8.80		V,S,P,M
05/05/1998	FMETL	0.6	7004	7252	19.9	3590	13730	89.8	9.40		V,S,P,M
07/07/1998	FMETL	2.41	44100	8620	46	11000	19200	129	12.26		V,S,P,M
10/27/1998	FMETL	3.78	42500	6710	41.6	10500	16200	46	14.51		V,S,P,M
03/01/1999	FMETL	1.91	27800	8940	34.1	5920	21400	106	11.25		V,S,P,M
06/11/1999	FMETL	3.34	58600	9670	48.9	9210	27300	60.5	13.21		V,S,P,M
07/27/1999	FMETL	4.70	66400	9170	38.8	9770	23100	56.7	13.96		V,S,P,M
10/26/1999	FMETL	2.23	36900	5680	28.2	6850	21400	27.6	13.41		V,S,P,M
03/02/2000	FMETL	3.10	46500	11600	66.5	6880	29600	173	11.95		V,S,P,M
03/02/2000D	FMETL	4.16	51100	21400	73.5	7560	32900	159	11.95		V,S,P,M
06/01/2000	FMETL	0.909	28000	9760	53.5	4950	25800	124	11.92		V,S,P,M
08/28/2000	FMETL	3.25	55600	10300	50.8	8610	28500	94.1	11.89		V,S,P,M
08/28/2000D	FMETL	3.17	54500	10400	51.9	8550	29000	97.3	11.89		V,S,P,M
11/07/2000	FMETL	2.81	48900	10300	69.7	8230	30300	91.5	12.91		V,S,P,M
02/14/2001	FMETL	ND	40000	9910	37.0	5950	21400	68.4	9.93		V,S,P,M
02/14/2001D	FMETL	ND	41500	9970	38.1	6140	21600	70.9	9.93		V,S,P,M

SOURCE: 00M3MW04

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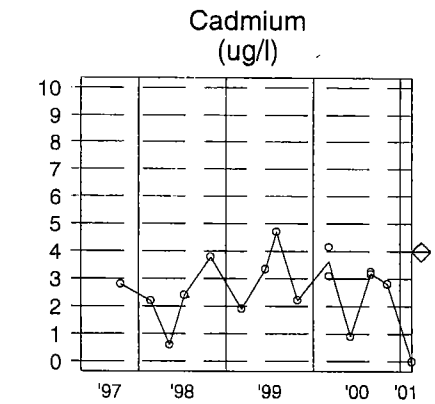

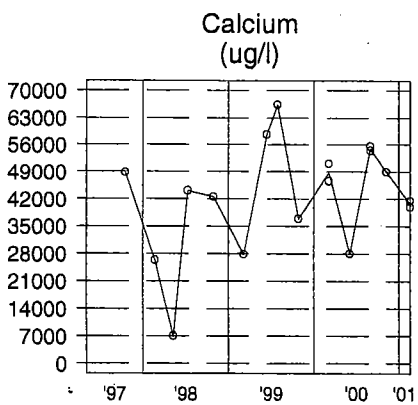

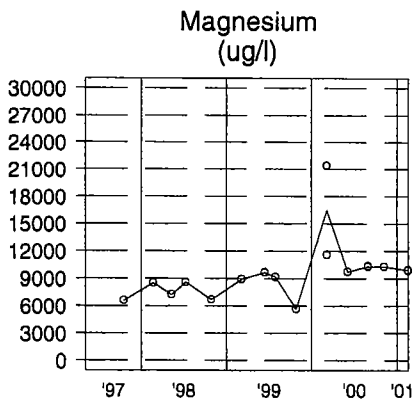

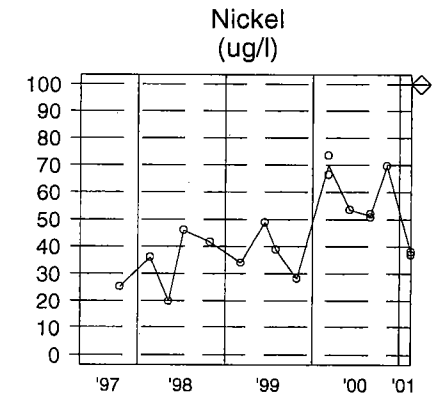

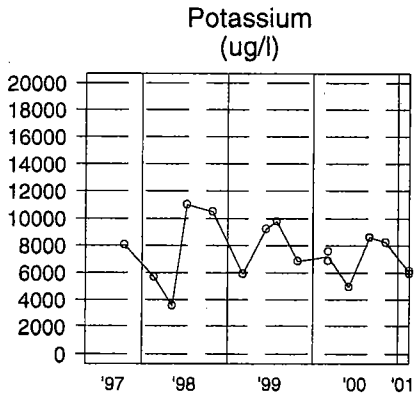

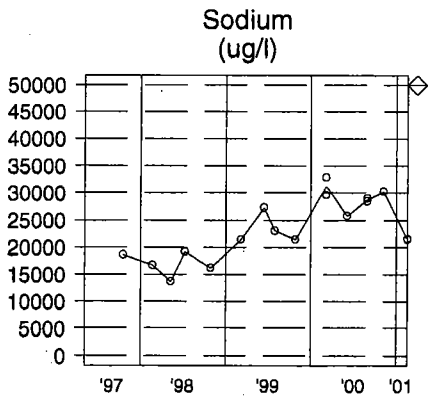

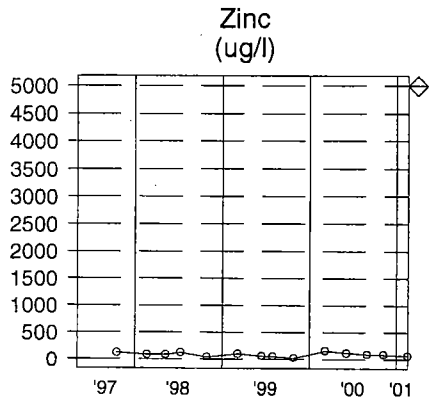

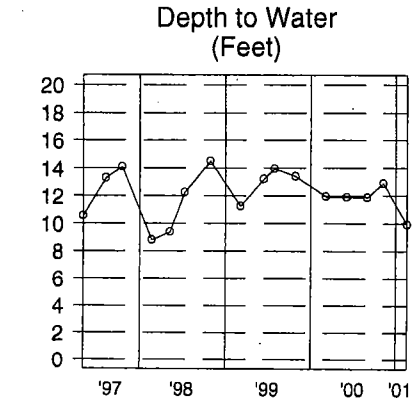

SOURCE: 00M3MW04

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	Lab	Chloro benzene	Benzene	1,4-Di chloro benzene	Di-n-butyl phthalate	2-Methyl naphtha lene	Acenaph thene	Fluorene	Phen anthrene	bis(2-Ethyl hexyl) phthalate	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	1	75	900	NLE	400	300	NLE	30	-
05/01/1997	FMETL	3.82	ND	ND	123	1.64	1.31	1.03	1.35	ND	V,S,P,M
08/07/1997	FMETL	7.28	ND	ND	2.28	1.82	1.31	ND	1.08	ND	V,S,P,M
10/16/1997	FMETL	6.70	ND	ND	ND	2.08	1.70	1.13	1.57	ND	V,S,P,M
02/17/1998	FMETL	4.66	ND	ND	43.6	1.33	1.78	1.13	1.40	ND	V,S,P,M
05/05/1998	FMETL	7.33	1.44	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
07/07/1998	FMETL	9.23	1.33	ND	ND	1.80	1.52	1.06	1.01	ND	V,S,P,M
10/27/1998	FMETL	5.05	ND	ND	ND	ND	ND	ND	2.32	ND	V,S,P,M
03/01/1999	FMETL	5.19	ND	ND	ND	1.57	2.44	ND	2.27	ND	V,S,P,M
06/11/1999	FMETL	5.60	ND	ND	ND	ND	1.04	ND	1.13	ND	V,S,P,M
07/27/1999	FMETL	5.21	ND	1.10	ND	1.49	1.47	ND	ND	ND	V,S,P,M
10/26/1999	FMETL	5.39	ND	1.02	ND	2.00	2.20	1.65	2.14	ND	V,S,P,M
03/02/2000	FMETL	4.09	ND	ND	ND	1.29	1.74	1.29	1.45	4.03	V,S,P,M
06/01/2000	FMETL	4.32	ND	ND	ND	1.27	1.63	1.20	1.30	3.89	V,S,P,M
08/28/2000	FMETL	5.72	ND	ND	ND	1.54	1.92	1.40	ND	3.79	V,S,P,M
11/07/2000	FMETL	5.41	ND	ND	ND	1.40	1.47	1.03	ND	3.12	V,S,P,M
02/14/2001	FMETL	3.33	ND	ND	ND	ND	ND	ND	ND	1.48	V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
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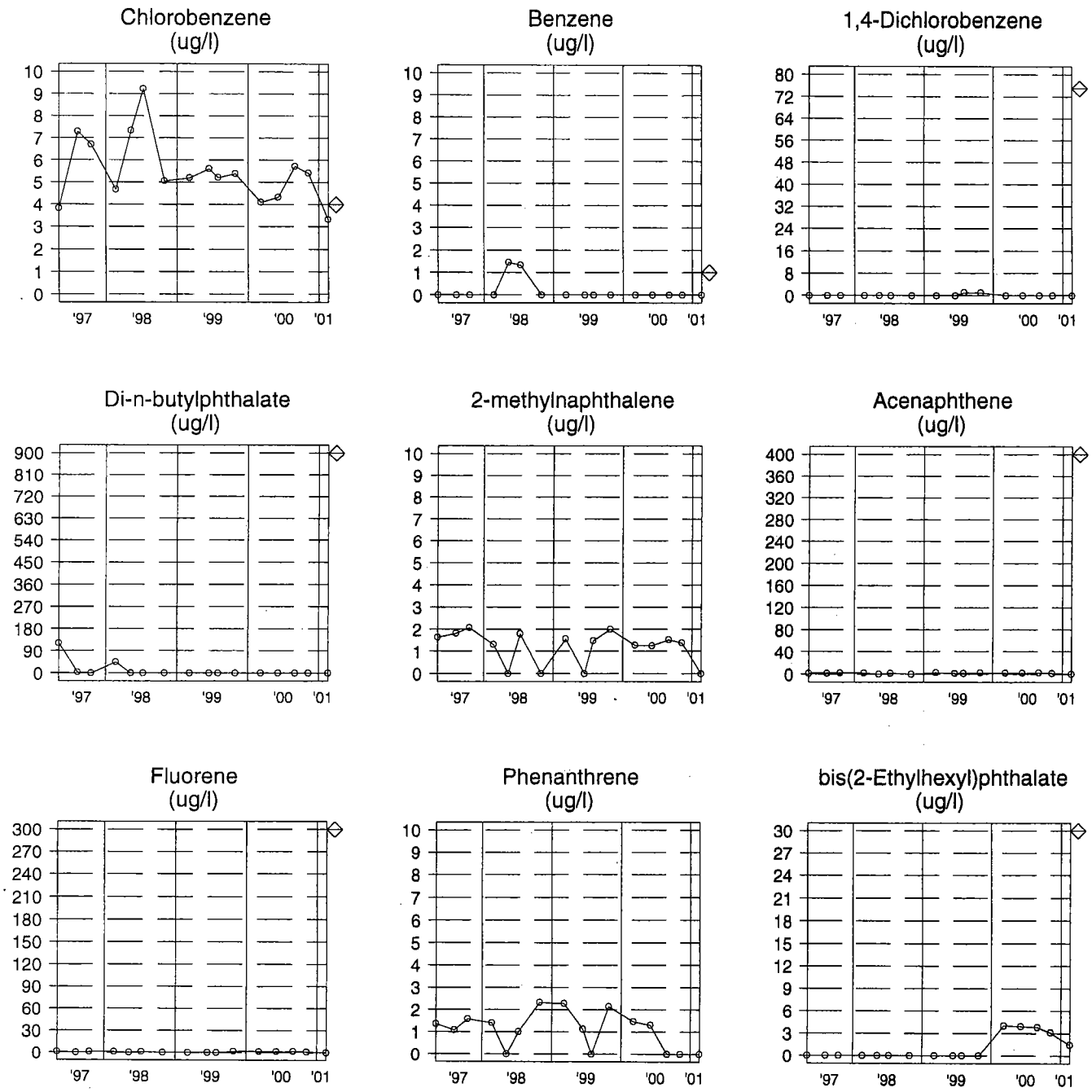

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	Lab	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	200	300	50	10	20	20	2000	4	NLE	-
05/01/1997	FMETL	27	73000	440	ND	21	-	-	-	-	V,S,P,M
08/07/1997	FMETL	182	187600	503	20.5	ND	-	-	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	ND	ND	ND	ND	627.3	ND	90160	V,S,P,M
02/17/1998	FMETL	149	70470	425	6.0	ND	ND	664	ND	96030	V,S,P,M
05/05/1998	FMETL	ND	84560	409	ND	ND	4.3	637	ND	89180	V,S,P,M
07/07/1998	FMETL	22.3	65400	399	4.54	ND	4.26	555	1.2	90100	V,S,P,M
10/27/1998	FMETL	ND	67300	421	ND	ND	7.83	636	ND	88000	V,S,P,M
03/01/1999	FMETL	13.4	75500	409	3.15	ND	2.4	638	ND	97800	V,S,P,M
06/11/1999	FMETL	ND	70000	440	ND	ND	ND	566	4.38	89600	V,S,P,M
07/27/1999	FMETL	15.0	76500	501	ND	ND	ND	655	1.21	90500	V,S,P,M
10/26/1999	FMETL	31	66500	395	ND	ND	ND	625	ND	85700	V,S,P,M
03/02/2000	FMETL	16.3	74000	417	ND	ND	ND	647	ND	95000	V,S,P,M
06/01/2000	FMETL	13.2	73900	430	ND	ND	ND	693	ND	98200	V,S,P,M
08/28/2000	FMETL	101	69900	382	1.98	ND	2.68	630	ND	94800	V,S,P,M
11/07/2000	FMETL	ND	67700	429	ND	ND	ND	686	ND	91500	V,S,P,M
02/14/2001	FMETL	ND	66300	426	ND	ND	ND	639	0.81	99300	V,S,P,M

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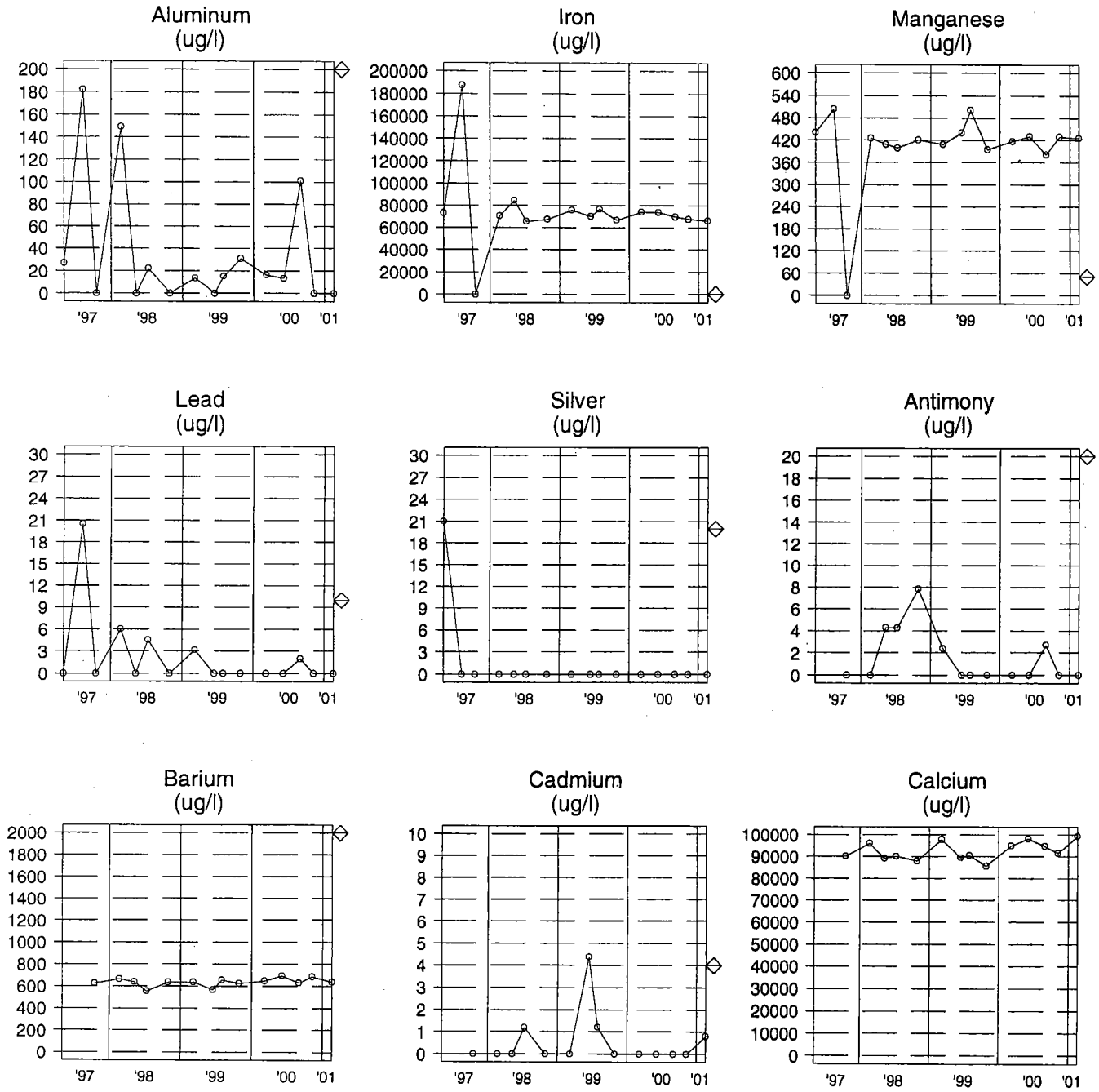

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	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
05/01/1997	FMETL	-	-	-	-	-	7.90				V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	8.85				V,S,P,M
10/16/1997	FMETL	14600	1.1	12350	17370	44	9.10				V,S,P,M
02/17/1998	FMETL	15840	5.7	13960	16070	ND	7.70				V,S,P,M
05/05/1998	FMETL	14300	1.4	15490	16640	2.2	7.76				V,S,P,M
07/07/1998	FMETL	13800	ND	15100	9510	18.8	8.66				V,S,P,M
10/27/1998	FMETL	14000	0.87	14100	11800	ND	9.64				V,S,P,M
03/01/1999	FMETL	15800	1.69	11400	17300	3.68	8.47				V,S,P,M
06/11/1999	FMETL	14700	11000	10800	16800	ND	9.13				V,S,P,M
07/27/1999	FMETL	15000	2.15	10900	18000	13.7	9.49				V,S,P,M
10/26/1999	FMETL	13900	1.0	10800	15800	5.69	8.77				V,S,P,M
03/02/2000	FMETL	15700	0.912	10800	15500	17	8.45				V,S,P,M
06/01/2000	FMETL	16600	10.9	10700	15000	13.2	8.53				V,S,P,M
08/28/2000	FMETL	15800	ND	11900	15600	23.8	8.31				V,S,P,M
11/07/2000	FMETL	15300	ND	10500	16100	21.3	9.00				V,S,P,M
02/14/2001	FMETL	17300	ND	10700	16200	5.86	7.14				V,S,P,M

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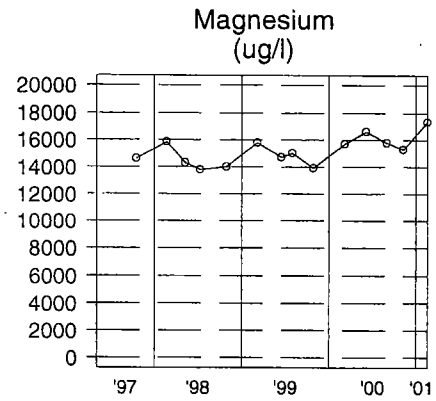

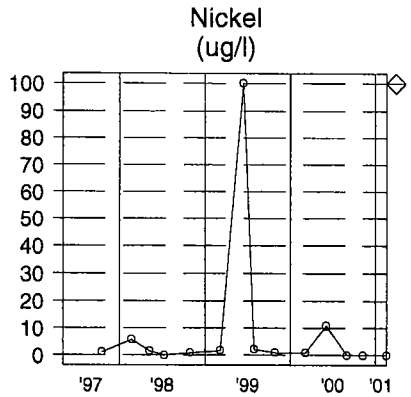

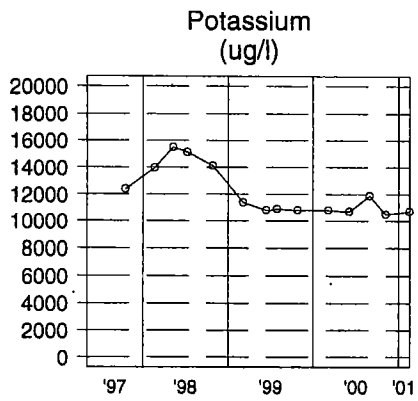

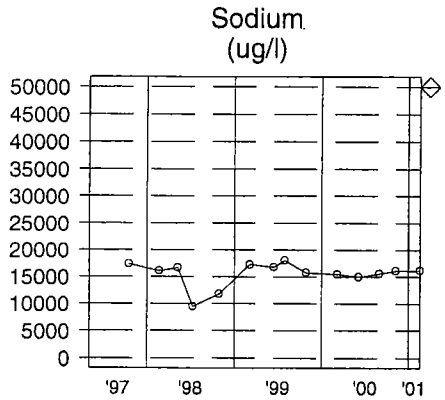

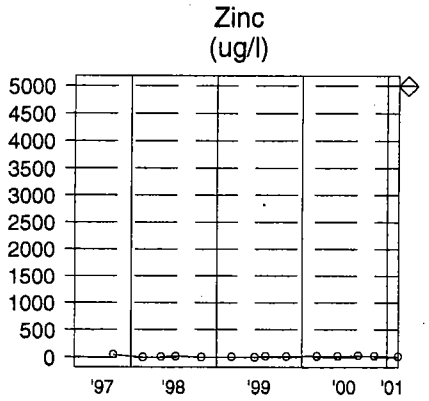

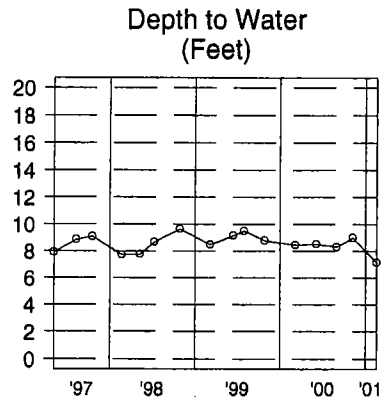

SOURCE: 00M3MW05

Sampling Dates:
05/01/1997 - 02/14/2001

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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FORT MONMOUTH
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	Lab	Acetone	Chloro benzene	Benzene	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	1	200	300	50	10	20	20	-
05/01/1997	FMETL	ND	ND	5.35	70	10500	320	ND	14	-	V,S,P,M
08/07/1997	FMETL	ND	2.65	ND	61	31020	565	1.4	ND	-	V,S,P,M
10/16/1997	FMETL	ND	4.41	ND	142	37600	623	8.0	ND	ND	V,S,P,M
02/17/1998	FMETL	ND	ND	ND	113	10740	639	ND	ND	4	V,S,P,M
05/05/1998	FMETL	ND	ND	0.94	49	6992	362	ND	ND	5.4	V,S,P,M
07/07/1998	FMETL	ND	2.65	3.10	92.2	20900	555	ND	ND	2.9	V,S,P,M
10/27/1998	FMETL	ND	5.34	ND	166	26800	449	ND	ND	5.31	V,S,P,M
03/01/1999	FMETL	ND	1.93	ND	182	35500	1010	4.01	ND	4.8	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	15.9	23500	687	ND	ND	ND	V,S,P,M
07/27/1999	FMETL	ND	4.59	ND	1480	43900	785	3.08	ND	ND	V,S,P,M
10/26/1999	FMETL	ND	2.16	ND	37.9	12900	711	ND	ND	2.3	V,S,P,M
03/02/2000	FMETL	ND	1.90	ND	ND	20800	903	ND	ND	ND	V,S,P,M
06/01/2000	FMETL	ND	2.05	1.44	ND	22300	877	ND	ND	2.29	V,S,P,M
08/28/2000	FMETL	ND	3.18	ND	141	19400	676	2.56	ND	3.66	V,S,P,M
11/07/2000	FMETL	6.55	2.52	ND	ND	13600	534	ND	ND	ND	V,S,P,M
02/14/2001	FMETL	ND	1.65	ND	ND	13600	623	ND	ND	2.32	V,S,P,M

SOURCE: 00M3MW06

Sampling Dates:
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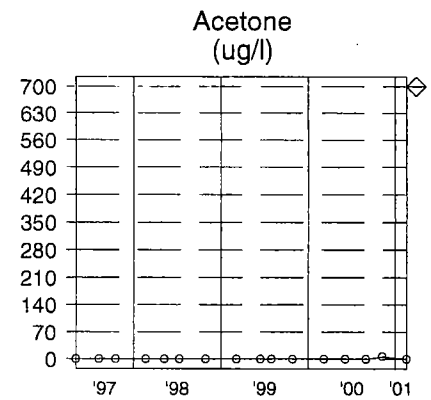

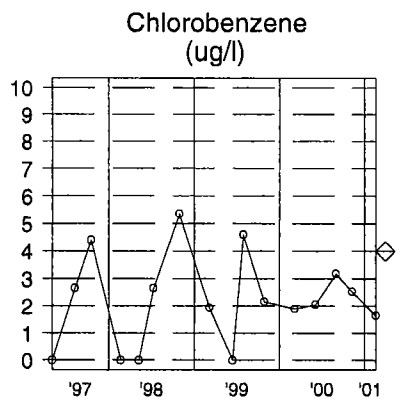

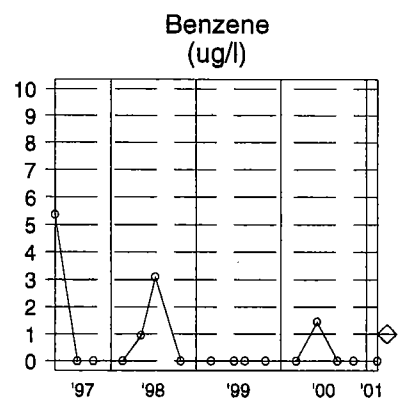

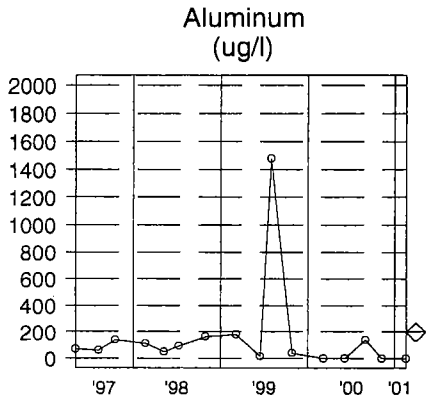

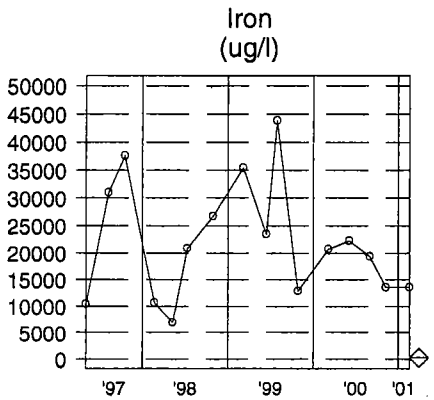

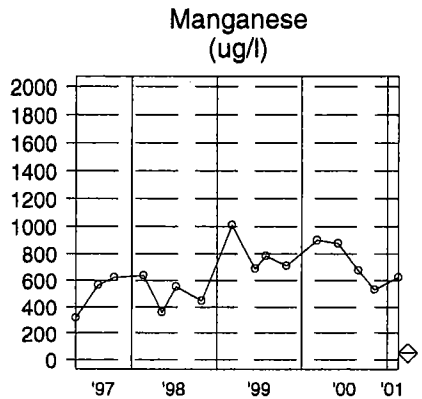

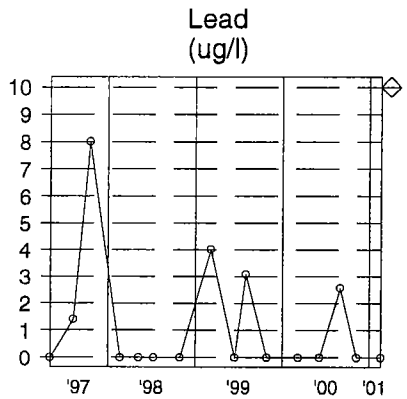

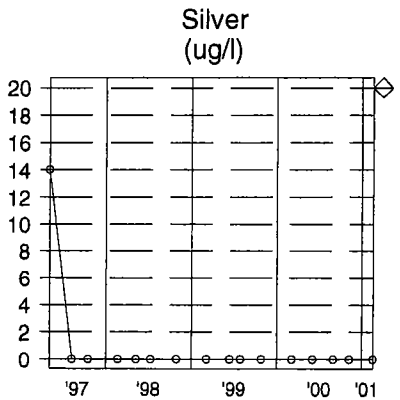

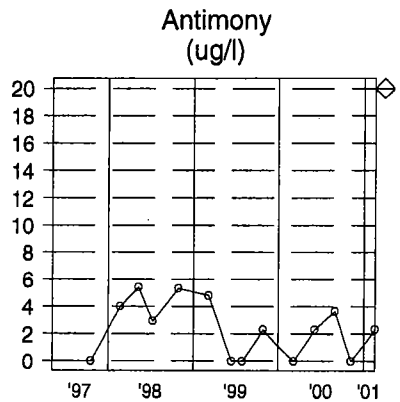

SOURCE: 00M3MW06

Sampling Dates:
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NJDEP Criteria

FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

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	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
05/01/1997	FMETL	-	-	-	-	-	-	-	-	8.00	V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	-	-	9.05	V,S,P,M
10/16/1997	FMETL	57.2	ND	69170	19300	2.3	8720	ND	68	9.30	V,S,P,M
02/17/1998	FMETL	66	ND	94830	22740	18	10450	40910	302	7.85	V,S,P,M
05/05/1998	FMETL	40	0.7	74040	16680	10	9163	25680	150	7.90	V,S,P,M
07/07/1998	FMETL	73.6	ND	126000	29200	0.579	12600	15100	40.5	8.60	V,S,P,M
10/27/1998	FMETL	29.7	ND	38600	12200	3.8	8430	18200	80	9.61	V,S,P,M
03/01/1999	FMETL	149	0.63	159000	33300	18.9	10800	26200	467	8.78	V,S,P,M
06/11/1999	FMETL	114	1.87	119000	28300	3.55	10700	21500	44.9	9.05	V,S,P,M
07/27/1999	FMETL	76.2	1.84	63900	19000	6.40	9810	25600	164	9.57	V,S,P,M
10/26/1999	FMETL	138	0.866	165000	34300	27.5	11900	37400	416	8.07	V,S,P,M
03/02/2000	FMETL	133	ND	184000	36700	10.4	10300	17600	177	8.30	V,S,P,M
06/01/2000	FMETL	153	ND	173000	38300	11.8	10600	15200	55.4	8.44	V,S,P,M
08/28/2000	FMETL	111	ND	124000	31200	ND	9570	24100	78.6	8.24	V,S,P,M
11/07/2000	FMETL	114	ND	115000	26600	ND	10600	23100	47.5	8.56	V,S,P,M
02/14/2001	FMETL	64.1	ND	107000	24199	7.15	7130	13800	203	8.09	V,S,P,M

SOURCE: 00M3MW06

Sampling Dates:
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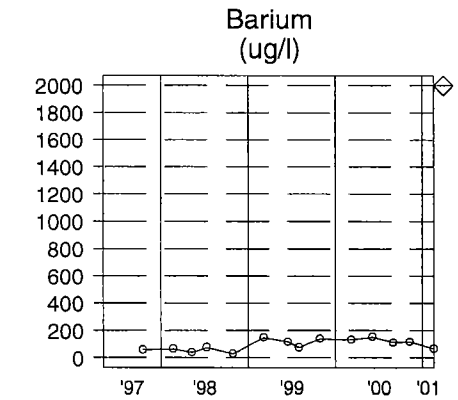
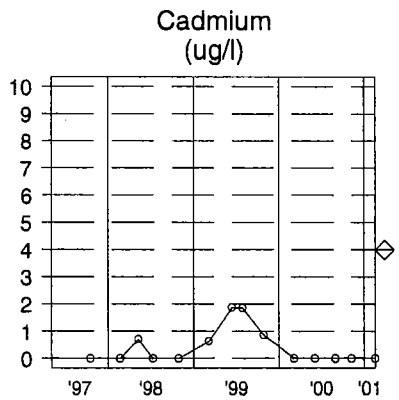
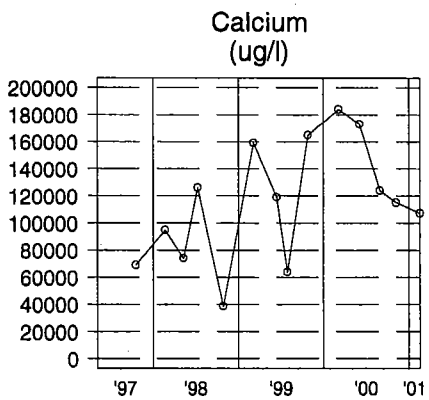
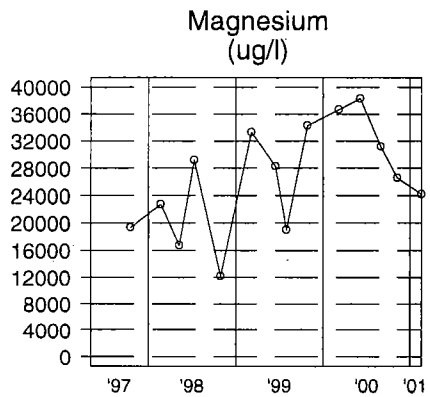
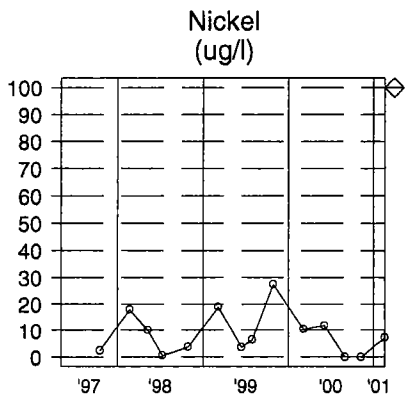
FORT MONMOUTH
SELFM-PW-EV

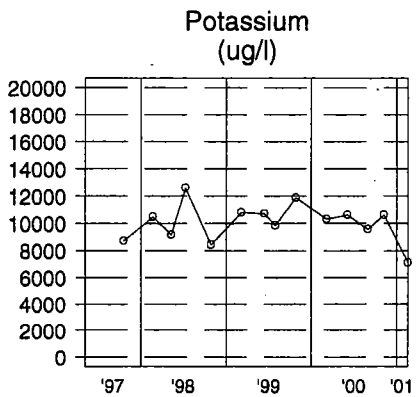


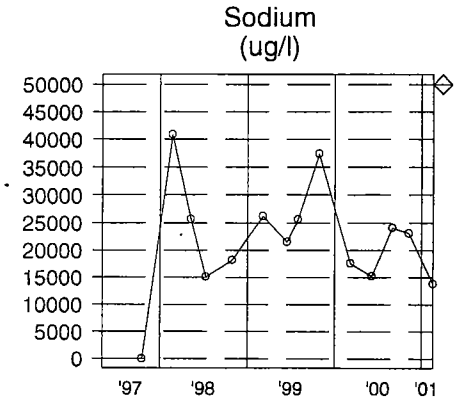


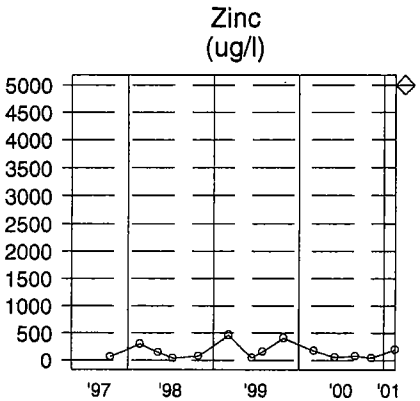


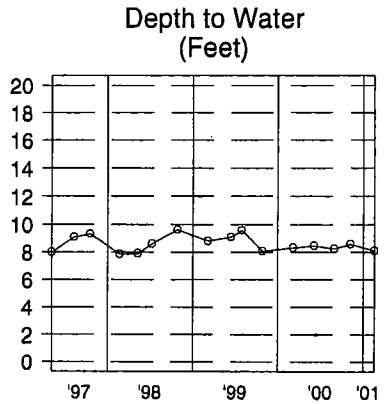












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Sampling Dates:
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FORT MONMOUTH
SELFM-PW-EV

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	Lab	Acetone	2-Butanone	Vinyl chloride	csi-1,2-Dichloro ethene	Aluminum	Iron	Manganese	Lead	Antimony	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	5	10	200	300	50	10	20	-
10/07/1998	FMETL	ND	399.25	ND	ND	4810	41900	710	23	ND	V,S,P,M
10/23/1998	FMETL	ND	ND	8.93	3.58	1820	56700	1200	6.23	ND	V,S,P,M
03/01/1999	FMETL	ND	ND	2.76	4.05	2350	78400	1080	13.7	3.96	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	ND	2990	34500	823	8.33	ND	V,S,P,M
07/27/1999	FMETL	ND	ND	4.22	2.61	1480	36900	998	5.66	ND	V,S,P,M
10/26/1999	FMETL	ND	ND	ND	ND	2490	35100	1060	7.59	2.51	V,S,P,M
03/02/2000	FMETL	ND	ND	ND	ND	3400	36600	817	8.94	ND	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	ND	362	17500	650	3.75	3.55	V,S,P,M
08/28/2000	FMETL	ND	ND	ND	1.80	333	20500	949	1.25	3.73	V,S,P,M
11/07/2000	FMETL	7.88	ND	17.64	15.81	745	21300	898	18.0	ND	V,S,P,M
11/07/2000D	FMETL	4.83	ND	17.69	15.47	685	21200	903	1.96	ND	V,S,P,M
02/14/2001	FMETL	ND	ND	4.22	3.75	67.6	17100	697	ND	ND	V,S,P,M

SOURCE: 00M3MW07

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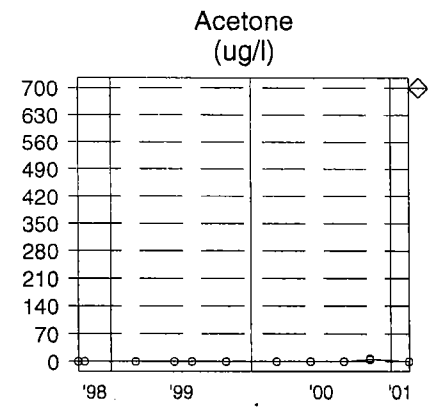

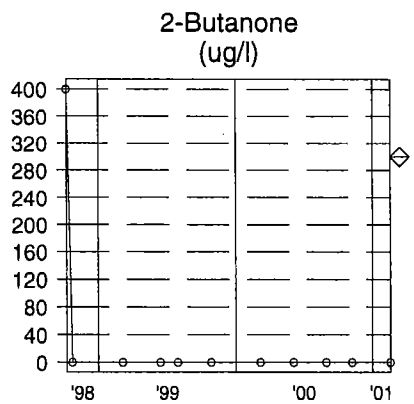

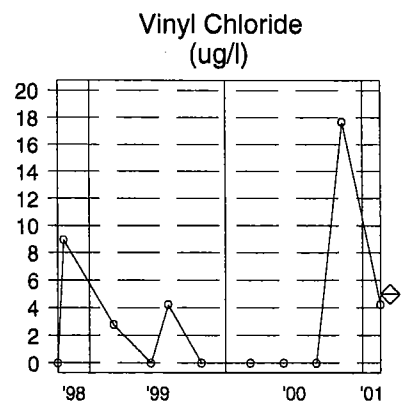

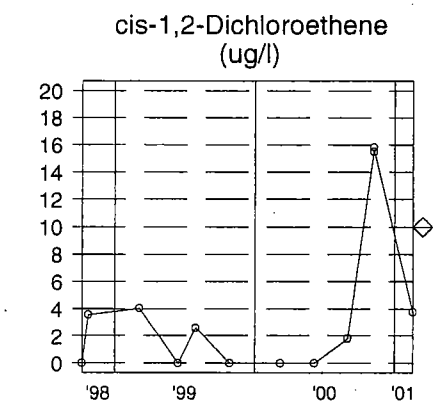

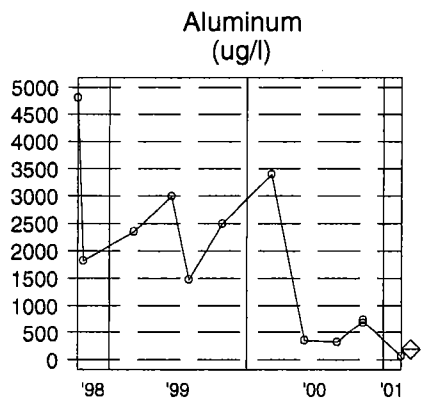

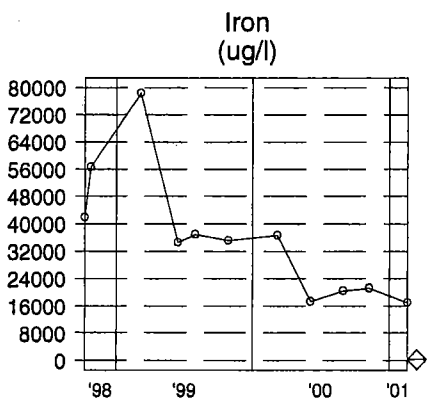

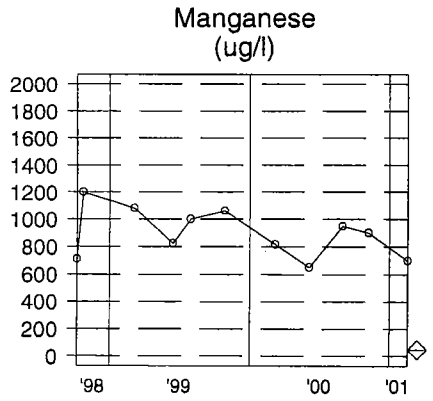

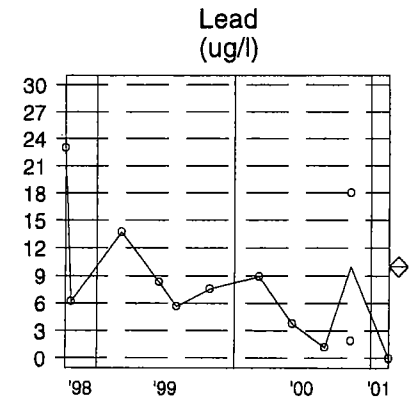

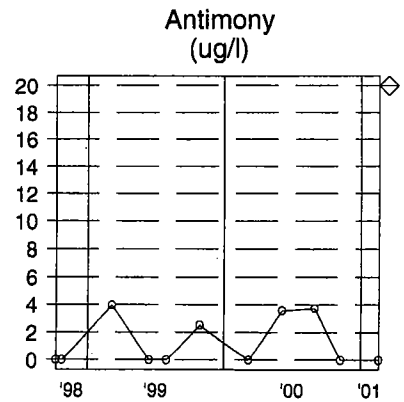

SOURCE: 00M3MW07

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FORT MONMOUTH
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	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/07/1998	FMETL	126	ND	106000	91100	5.7	40900	579000	125	9.67	V,S,P,M
10/23/1998	FMETL	235	ND	204000	165000	1.32	64200	1300000	28.1	10.46	V,S,P,M
03/01/1999	FMETL	516	2	251000	113000	5.98	36400	858000	1090	8.72	V,S,P,M
06/11/1999	FMETL	372	4.25	252000	101000	2.36	33900	709000	571	9.47	V,S,P,M
07/27/1999	FMETL	492	4.99	292000	156000	4.74	48500	1050000	273	10.39	V,S,P,M
10/26/1999	FMETL	807	7.55	398000	261000	4.06	99900	1800000	723	10.35	V,S,P,M
03/02/2000	FMETL	580	2.58	271000	136000	8.92	57000	1070000	817	9.56	V,S,P,M
06/01/2000	FMETL	280	1.38	210000	90300	8.86	32200	630000	341	9.24	V,S,P,M
08/28/2000	FMETL	336	0.691	213000	116000	ND	38000	1010000	222	9.17	V,S,P,M
11/07/2000	FMETL	303	2.07	186000	101000	1.14	42400	828000	571	9.61	V,S,P,M
11/07/2000D	FMETL	302	1.55	192000	106000	ND	41100	863000	348	9.61	V,S,P,M
02/14/2001	FMETL	221	ND	164000	77700	ND	25800	468000	89.3	10.03	V,S,P,M

SOURCE: 00M3MW07

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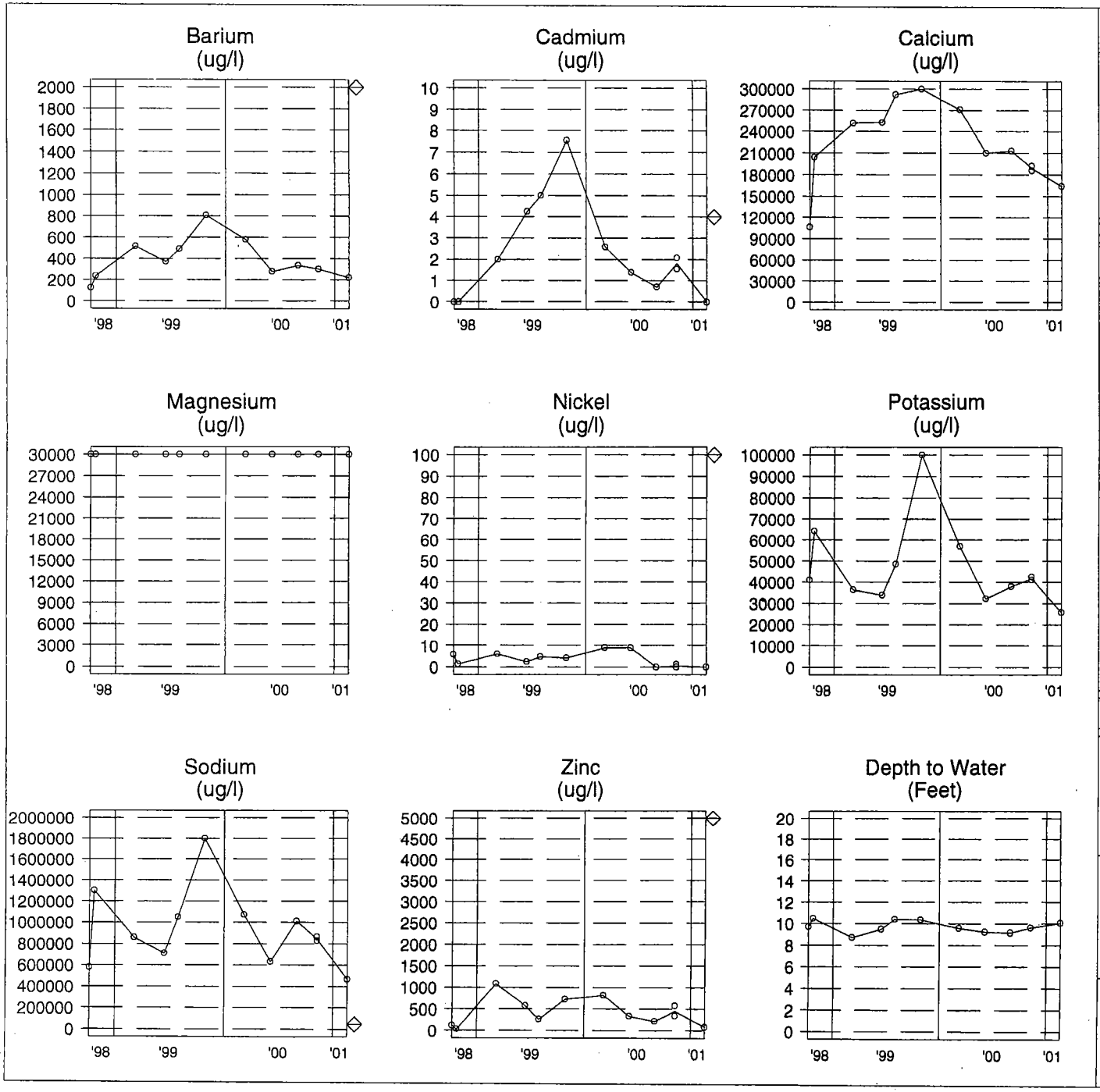

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Sampling Dates:
10/07/1998 - 02/14/2001

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	Lab	Chloro benzene	2-Butanone	4,4'-DDE	4,4'-DDD	Aluminum	Iron	Manganese	Lead	Antimony	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	300	0.1	0.1	200	300	50	10	20	-
10/20/1998	FMETL	1.01	6.34	ND	ND	235	55500	1100	5.12	4.61	V,S,P,M
11/02/1998	FMETL	1.37	5.43	ND	ND	7030	88700	511	19.7	6.41	V,S,P,M
03/01/1999	FMETL	1.55	ND	ND	ND	852	54700	768	9.22	4.68	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	0.021	747	36600	645	2.53	ND	V,S,P,M
07/27/1999	FMETL	1.59	2.45	0.008	0.018	1530	44200	855	4.49	ND	V,S,P,M
10/26/1999	FMETL	1.66	ND	ND	ND	347	39400	1210	2.63	3.26	V,S,P,M
03/02/2000	FMETL	1.44	ND	ND	ND	395	37100	527	ND	ND	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	ND	119	41700	575	5.57	ND	V,S,P,M
08/28/2000	FMETL	1.85	ND	ND	ND	173	45600	722	2.29	2.54	V,S,P,M
11/07/2000	FMETL	2.08	ND	ND	ND	276	54900	782	55.3	ND	V,S,P,M
02/14/2001	FMETL	ND	ND	ND	ND	138	62200	629	ND	ND	V,S,P,M

SOURCE: 00M3MW08

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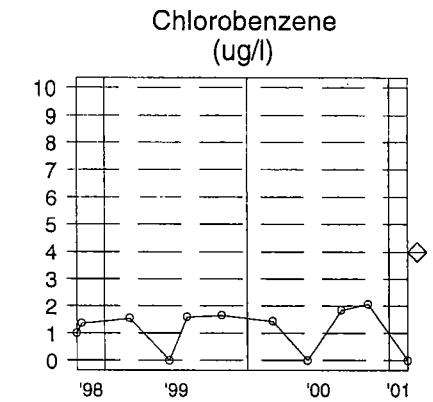

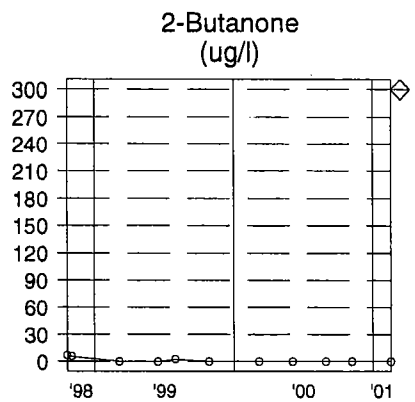

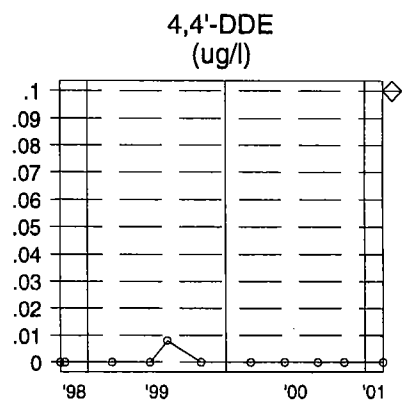

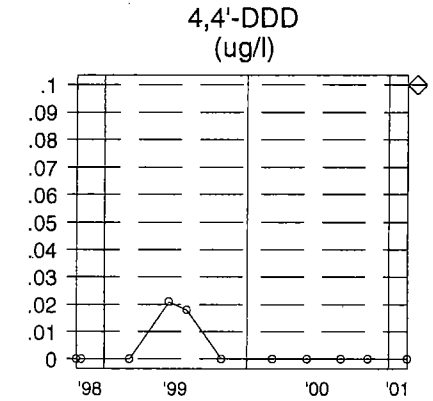

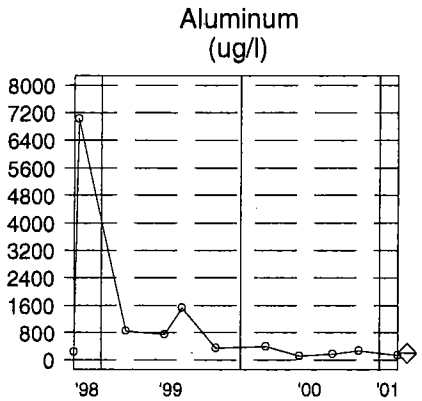

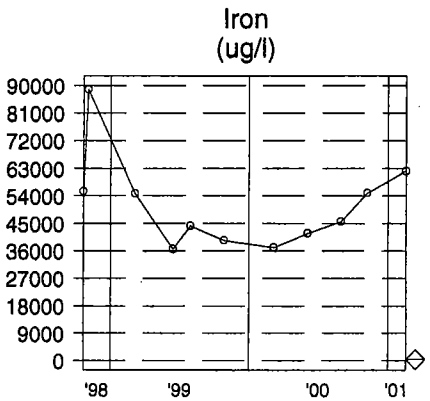

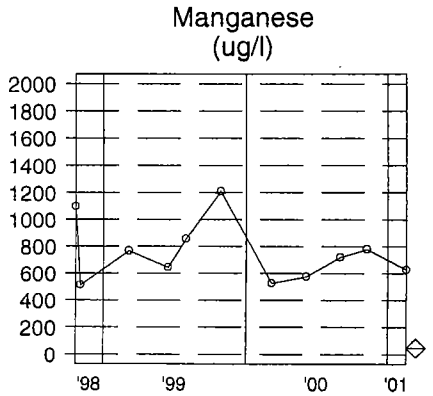

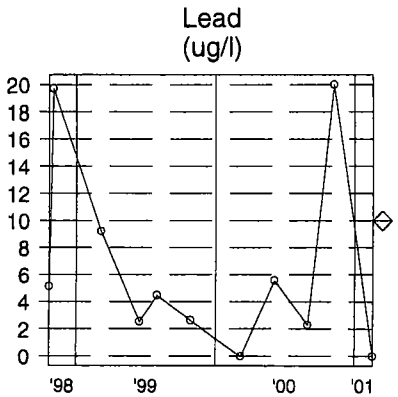

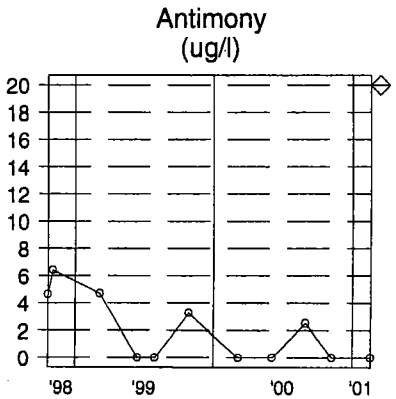

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	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/20/1998	FMETL	429	ND	132000	37600	8.49	25900	168000	220	7.16	V,S,P,M
11/02/1998	FMETL	749	ND	115000	19000	6.98	24400	12100	107	7.16	V,S,P,M
03/01/1999	FMETL	271	ND	105000	24700	2.98	8910	118000	143	5.71	V,S,P,M
06/11/1999	FMETL	249	1.28	88600	16900	ND	7740	60100	61.6	6.50	V,S,P,M
07/27/1999	FMETL	404	0.95	122000	29000	2.90	11500	149000	91.8	6.93	V,S,P,M
10/26/1999	FMETL	559	0.897	214000	81000	2.25	22400	593000	30.3	7.60	V,S,P,M
03/02/2000	FMETL	274	ND	87400	27400	5.3	9300	174000	54.7	6.23	V,S,P,M
06/01/2000	FMETL	233	ND	81300	19300	11.1	6610	69800	61.4	5.97	V,S,P,M
08/28/2000	FMETL	352	ND	100000	19200	ND	7830	63200	35.7	5.65	V,S,P,M
11/07/2000	FMETL	413	ND	101000	17700	7.62	7280	36900	541	6.17	V,S,P,M
02/14/2001	FMETL	380	ND	72600	16500	ND	5900	32500	25.8	5.62	V,S,P,M

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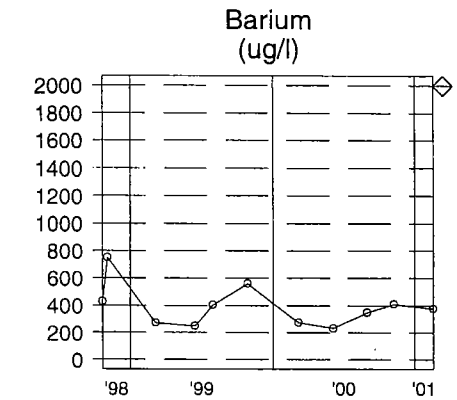

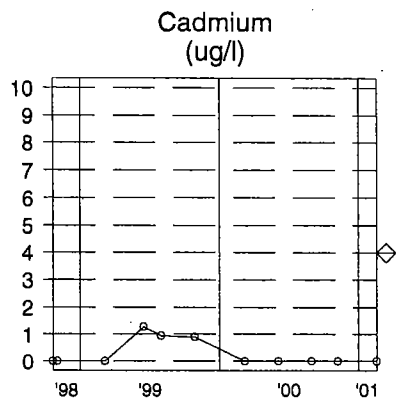

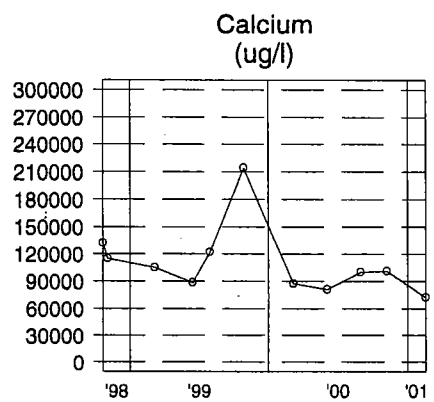

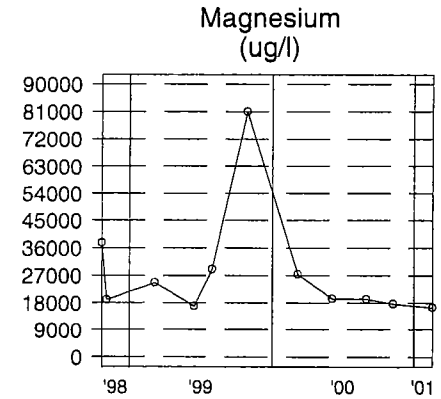

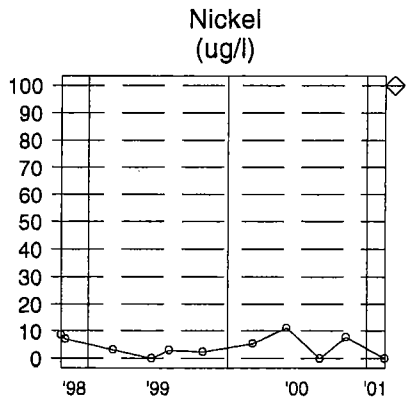

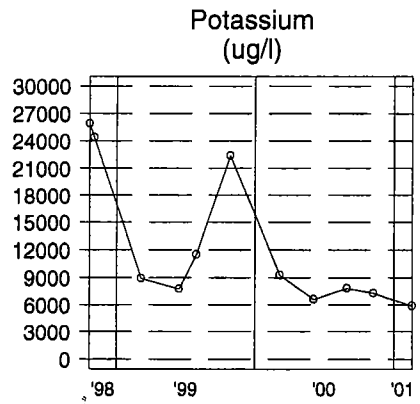

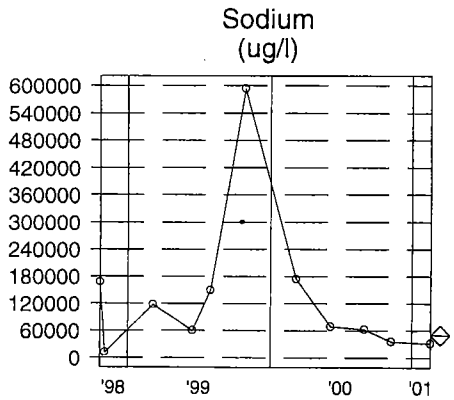

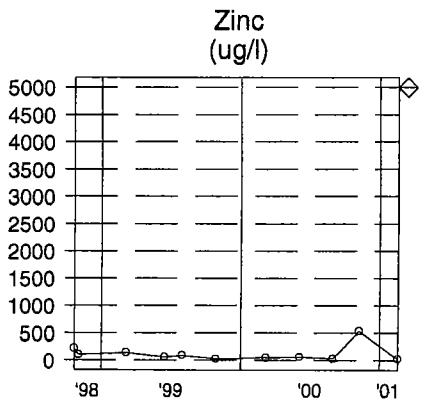

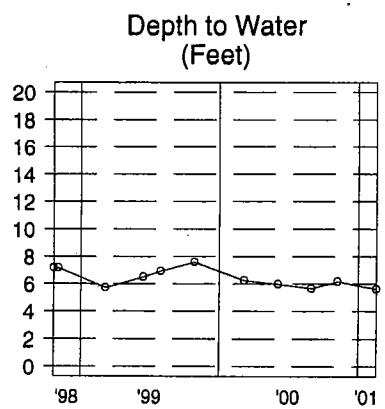

SOURCE: 00M3MW08

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	Lab	Acetone	Chloro benzene	2-Butanone	Benzene	1,4-Di chloro benzene	1,2-Di chloro benzene	bis(2-Ethyl hexyl) phthalate	4,4'-DDE	4,4'-DDT	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	1	75	600	30	0.1	0.1	-
10/07/1998	FMETL	4.66	16.36	6.53	1.18	2.73	1.07	ND	0.104	0.432	V,S,P,M
10/23/1998	FMETL	ND	17.33	ND	1.33	2.61	1.05	ND	0.02	0.038	V,S,P,M
03/01/1999	FMETL	ND	14.25	ND	ND	ND	ND	ND	0.026	0.023	V,S,P,M
06/11/1999	FMETL	ND	10.22	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
07/27/1999	FMETL	ND	11.69	ND	ND	2.00	ND	ND	ND	0.041	V,S,P,M
10/26/1999	FMETL	ND	17.37	ND	1.25	2.48	ND	ND	ND	ND	V,S,P,M
03/02/2000	FMETL	ND	15.64	ND	ND	2.27	ND	2.93	0.021	0.062	V,S,P,M
06/01/2000	FMETL	ND	15.39	ND	ND	2.51	ND	3.44	ND	ND	V,S,P,M
08/28/2000	FMETL	ND	20.54	ND	ND	1.87	ND	3.29	ND	ND	V,S,P,M
11/07/2000	FMETL	4.22	16.01	ND	ND	1.46	ND	3.13	ND	ND	V,S,P,M
02/14/2001	FMETL	ND	14.74	ND	ND	1.33	ND	1.59	ND	ND	V,S,P,M

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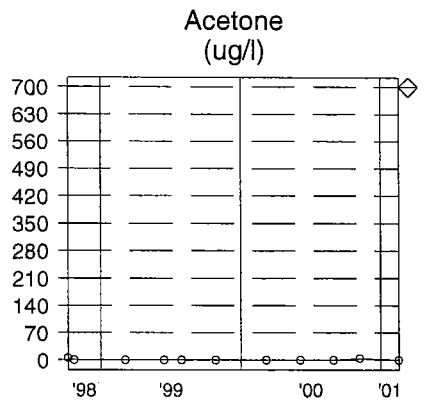

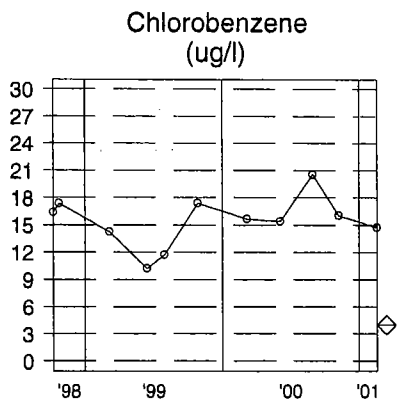

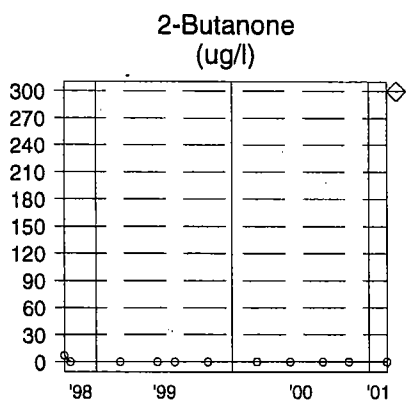

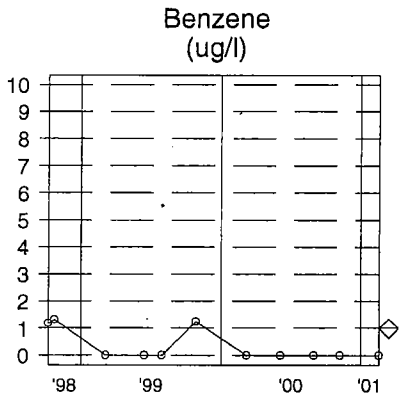

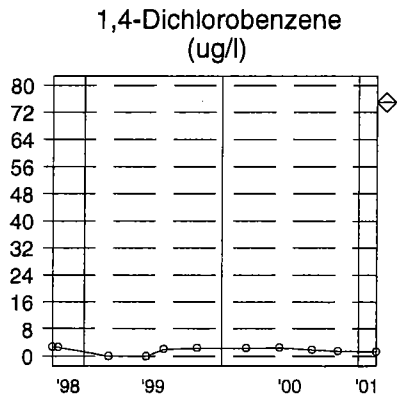

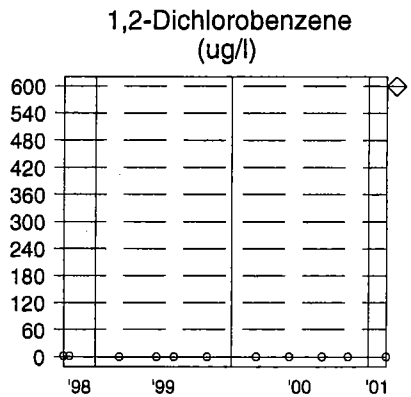

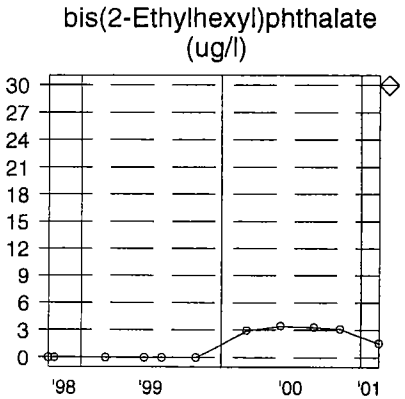

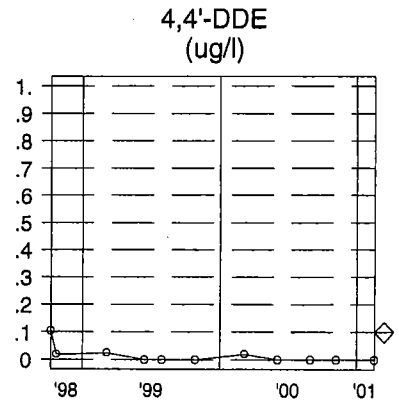

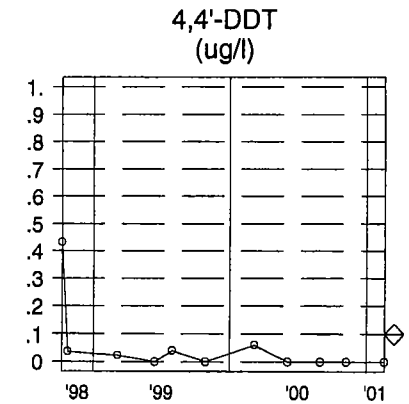

SOURCE: 00M3MW09

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	Lab	4,4'-DDD	Aluminum	Iron	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	0.1	200	300	50	10	20	2000	4	NLE	-
10/07/1998	FMETL	0.713	1040	17400	90.9	ND	ND	73	ND	31200	V,S,P,M
10/23/1998	FMETL	0.132	1380	73900	476	32.7	3.7	371	ND	62600	V,S,P,M
03/01/1999	FMETL	0.167	337	60400	1740	8.46	4.91	430	1.26	82400	V,S,P,M
06/11/1999	FMETL	0.057	741	64100	595	10.6	ND	332	1.85	65400	V,S,P,M
07/27/1999	FMETL	0.108	ND	31.1	2.12	ND	ND	ND	ND	244	V,S,P,M
10/26/1999	FMETL	ND	832	82100	534	9.02	ND	401	3.58	66700	V,S,P,M
03/02/2000	FMETL	0.134	603	69800	772	2.32	ND	412	ND	72700	V,S,P,M
06/01/2000	FMETL	ND	202	70600	758	4.60	ND	414	ND	73800	V,S,P,M
08/28/2000	FMETL	ND	257	66500	723	4.72	ND	376	ND	71400	V,S,P,M
11/07/2000	FMETL	ND	195	61700	666	ND	ND	417	ND	67900	V,S,P,M
02/14/2001	FMETL	ND	73.4	62400	974	ND	ND	402	ND	68800	V,S,P,M

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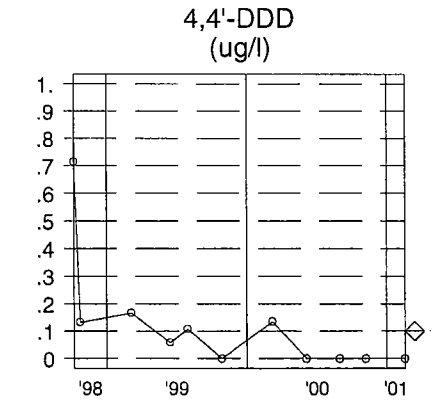

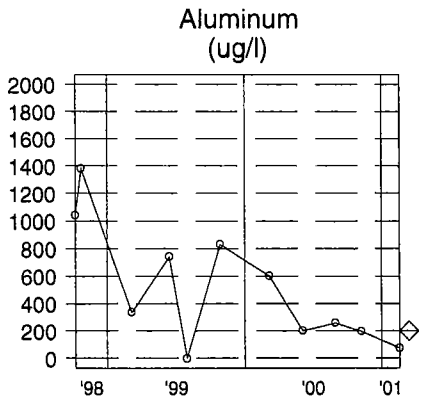

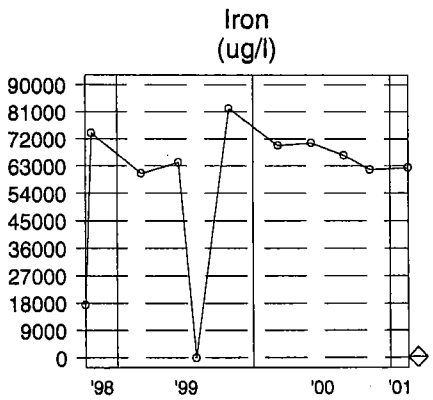

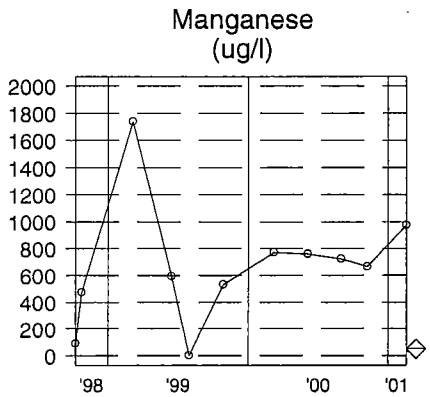

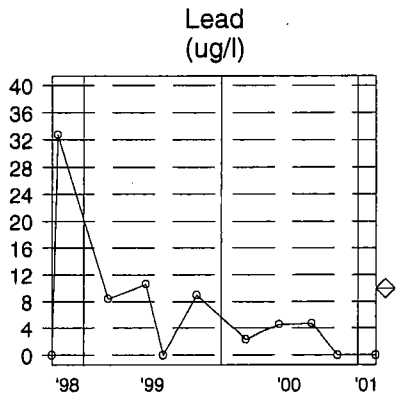

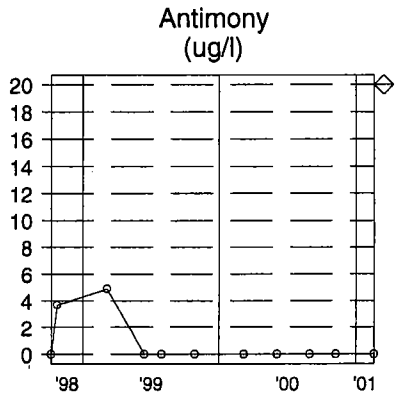

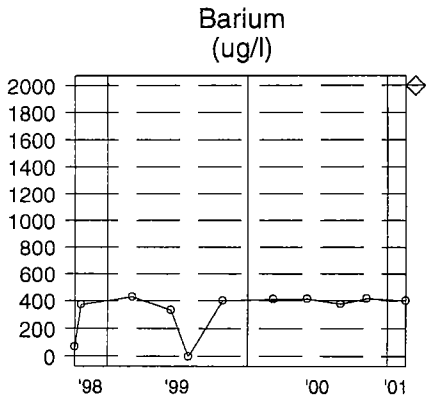

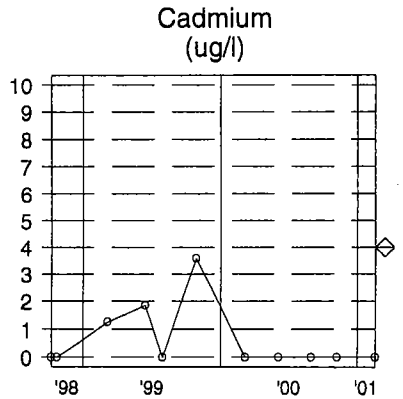

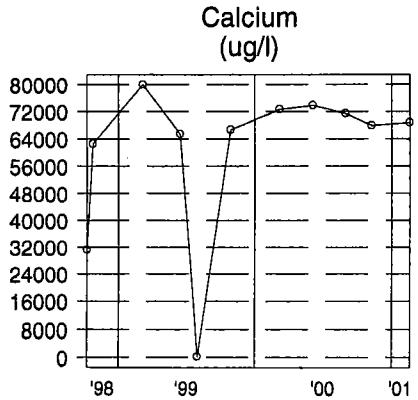

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	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/07/1998	FMETL	2520	ND	9390	2720	25	11.48				V,S,P,M
10/23/1998	FMETL	12900	3.14	13100	12100	60.6	11.74				V,S,P,M
03/01/1999	FMETL	19800	22.9	13600	46900	1150	10.75				V,S,P,M
06/11/1999	FMETL	13300	ND	9910	16300	109	11.37				V,S,P,M
07/27/1999	FMETL	54.5	1.15	292	575	7.07	11.52				V,S,P,M
10/26/1999	FMETL	14000	8.89	10900	27500	212	11.34				V,S,P,M
03/02/2000	FMETL	16100	1.17	9870	17300	84.6	11.23				V,S,P,M
06/01/2000	FMETL	15900	9.28	9480	23200	70.8	11.05				V,S,P,M
08/28/2000	FMETL	15100	ND	10300	14600	50.1	10.73				V,S,P,M
11/07/2000	FMETL	14300	ND	10200	13400	46.9	11.29				V,S,P,M
02/14/2001	FMETL	15500	ND	8840	12100	21.6	11.02				V,S,P,M

SOURCE: 00M3MW09

Sampling Dates:
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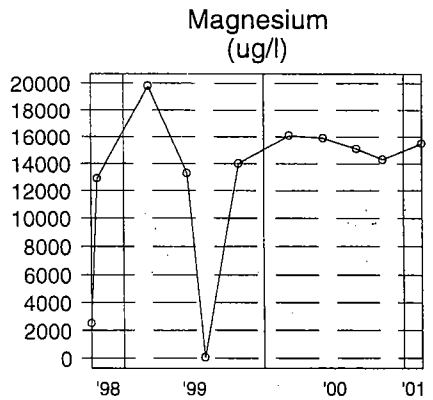

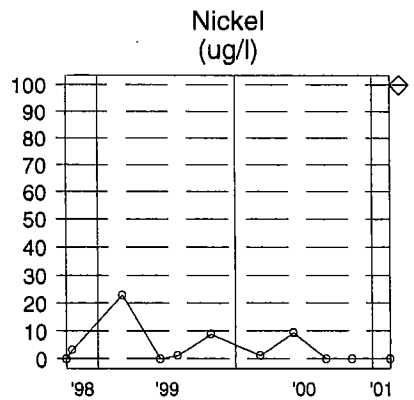

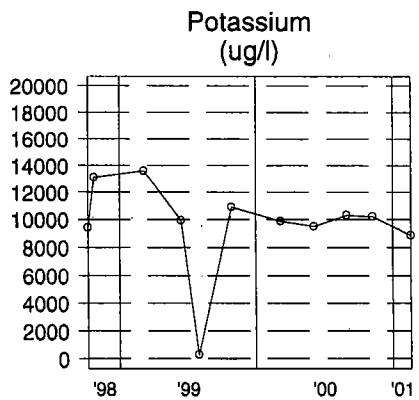

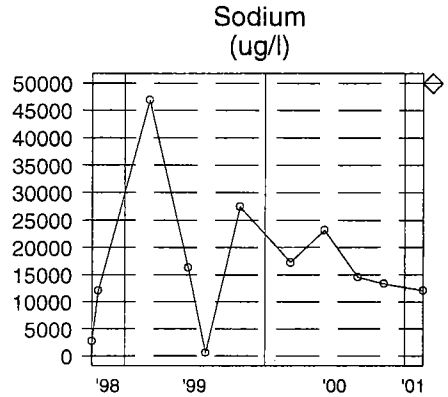

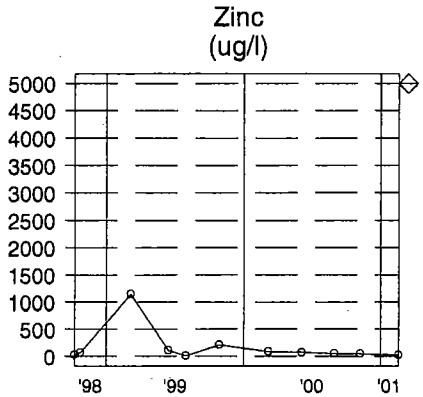

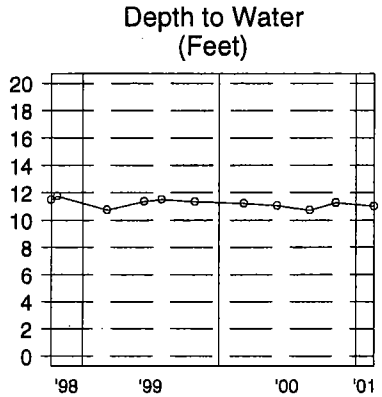

SOURCE: 00M3MW09

Sampling Dates:
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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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FORT MONMOUTH
SELFM-PW-EV

03-23-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	Acenaph thene	Fluorene	bis(2-Ethyl hexyl) phthalate	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	400	300	30	200	300	-
10/20/1998	FMETL	7.87	17.07	5.16	1.78	ND	ND	ND	1960	57400	V,S,P,M
11/02/1998	FMETL	6.94	19.19	ND	2.05	ND	ND	ND	1570	61300	V,S,P,M
03/01/1999	FMETL	ND	20.08	ND	1.79	2.55	ND	ND	1540	103000	V,S,P,M
06/11/1999	FMETL	ND	16.27	14.14	ND	1.25	ND	ND	1180	66100	V,S,P,M
07/27/1999	FMETL	3.59	15.90	4.57	1.99	1.23	ND	ND	317	67700	V,S,P,M
10/26/1999	FMETL	ND	19.56	ND	2.13	1.78	1.33	ND	268	62300	V,S,P,M
03/02/2000	FMETL	ND	15.34	ND	1.89	1.18	1.04	2.06	2330	91200	V,S,P,M
06/01/2000	FMETL	ND	11.80	ND	1.45	1.40	1.02	2.15	187	62300	V,S,P,M
08/28/2000	FMETL	ND	18.05	ND	1.62	1.97	1.43	2.66	910	64400	V,S,P,M
11/07/2000	FMETL	7.00	18.59	ND	1.38	1.81	1.19	1.60	397	64800	V,S,P,M
02/14/2001	FMETL	ND	13.84	ND	ND	1.03	ND	ND	97.0	84400	V,S,P,M

SOURCE: 00M3MW10

Sampling Dates:
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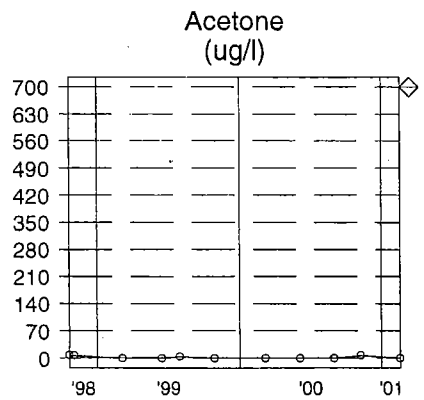

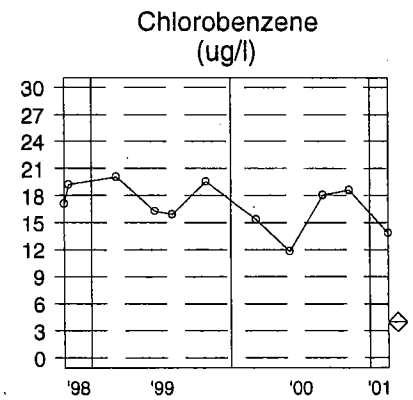

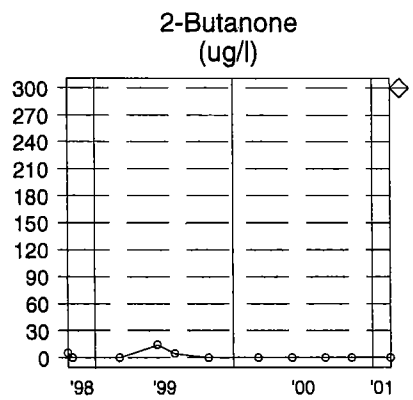

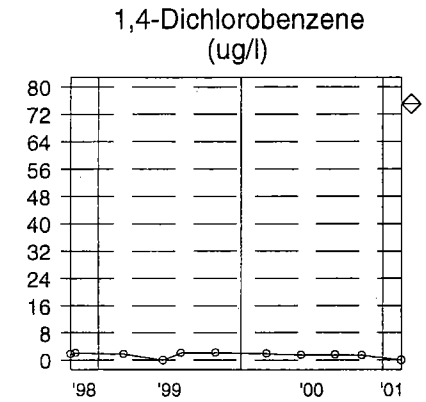

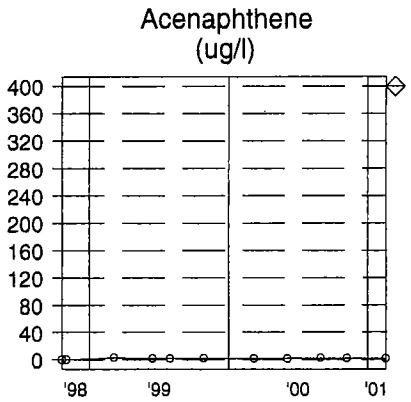

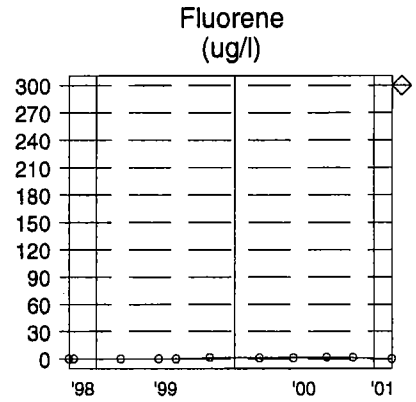

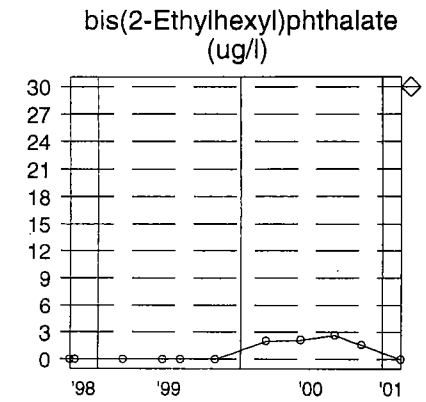

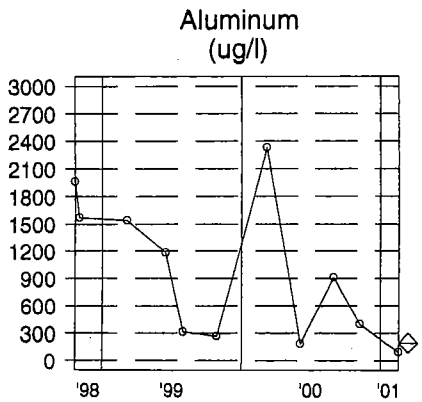

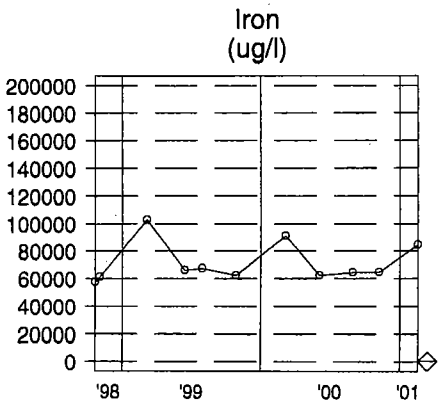

SOURCE: 00M3MW10

Sampling Dates:
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LEGEND:

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-26-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	2000	4	NLE	NLE	100	NLE	-
10/20/1998	FMETL	405	9.95	ND	561	ND	91700	14100	1.59	15000	V,S,P,M
11/02/1998	FMETL	993	9.2	4.67	513	ND	139000	37100	4.62	20600	V,S,P,M
03/01/1999	FMETL	761	9.86	2.79	947	ND	119000	19700	28	13500	V,S,P,M
06/11/1999	FMETL	708	2.58	ND	592	ND	108000	17300	ND	12800	V,S,P,M
07/27/1999	FMETL	866	7.30	ND	345	1.58	66200	13900	5.49	11900	V,S,P,M
10/26/1999	FMETL	662	ND	ND	635	ND	110000	17900	ND	12500	V,S,P,M
03/02/2000	FMETL	682	ND	ND	760	ND	95500	16200	1.62	10400	V,S,P,M
06/01/2000	FMETL	735	ND	2.32	678	ND	109000	17300	11.6	10300	V,S,P,M
08/28/2000	FMETL	564	1.60	ND	604	ND	104000	16200	ND	11700	V,S,P,M
11/07/2000	FMETL	588	ND	ND	689	ND	110000	16500	ND	11400	V,S,P,M
02/14/2001	FMETL	630	ND	ND	762	2.93	92600	14800	ND	8440	V,S,P,M

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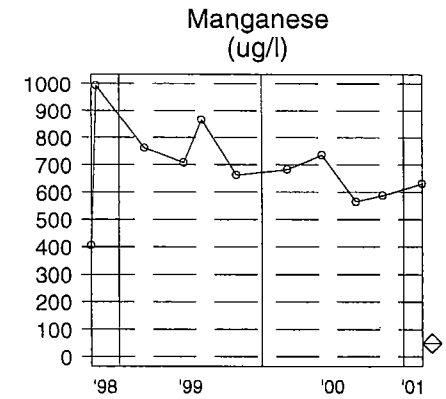

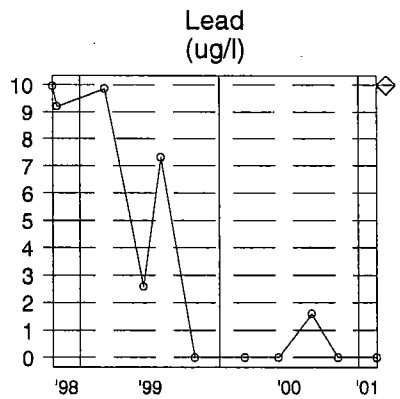

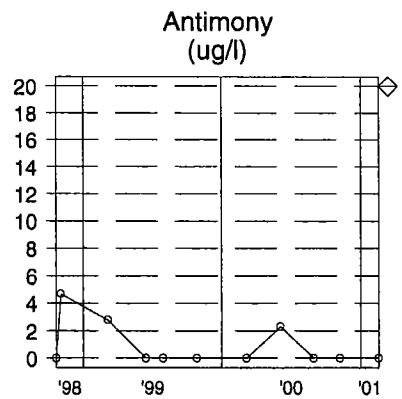

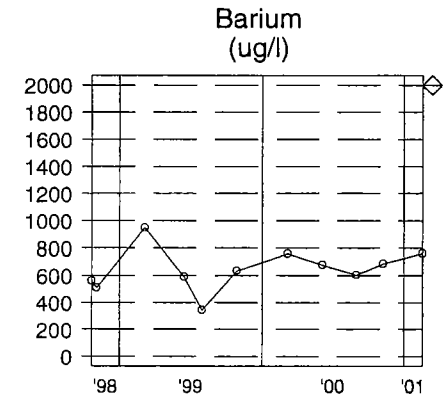

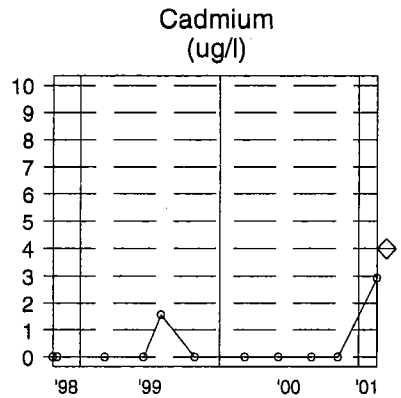

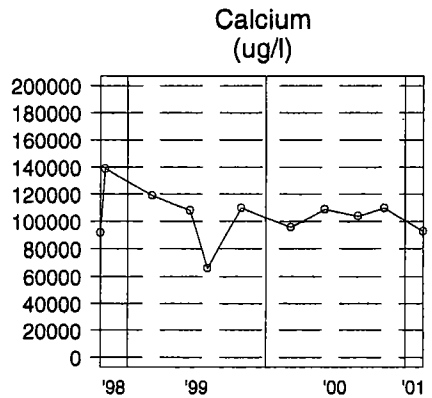

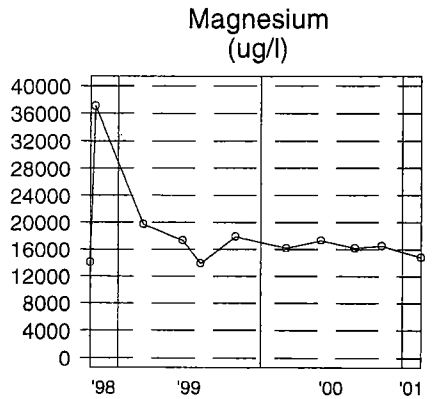

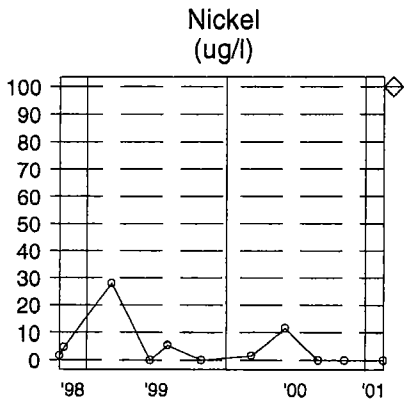

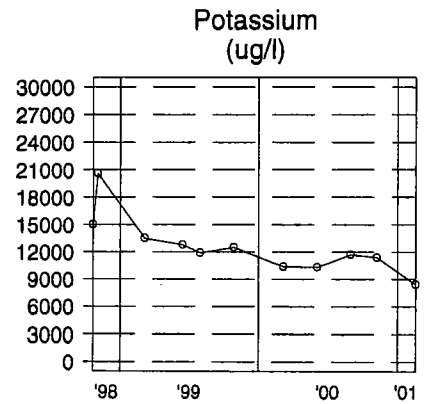

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FORT MONMOUTH

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03-26-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Sodium	Zinc	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	50000	5000	-							-
10/20/1998	FMETL	15500	35.2	6.11							V,S,P,M
11/02/1998	FMETL	154000	229	6.11							V,S,P,M
03/01/1999	FMETL	16500	144	5.03							V,S,P,M
06/11/1999	FMETL	17300	28.8	5.76							V,S,P,M
07/27/1999	FMETL	24900	91.5	6.08							V,S,P,M
10/26/1999	FMETL	25600	8.12	5.61							V,S,P,M
03/02/2000	FMETL	14400	83.8	5.30							V,S,P,M
06/01/2000	FMETL	14400	19.3	5.53							V,S,P,M
08/28/2000	FMETL	16200	42.2	5.31							V,S,P,M
11/07/2000	FMETL	16400	23.5	5.85							V,S,P,M
02/14/2001	FMETL	12300	21.9	5.18							V,S,P,M

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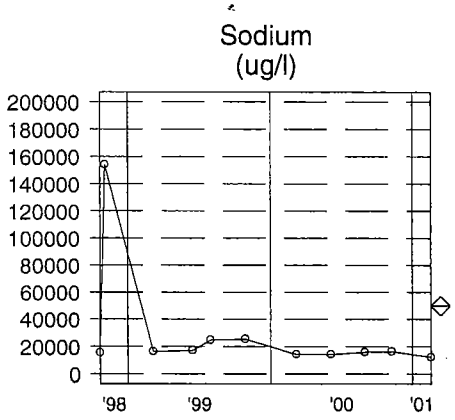

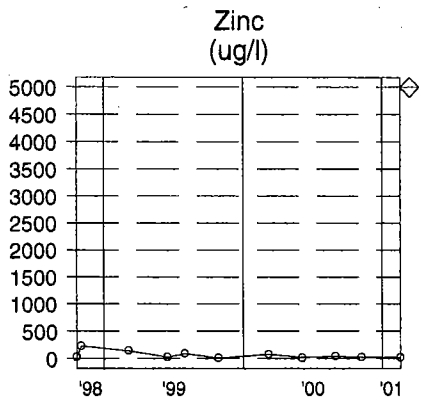

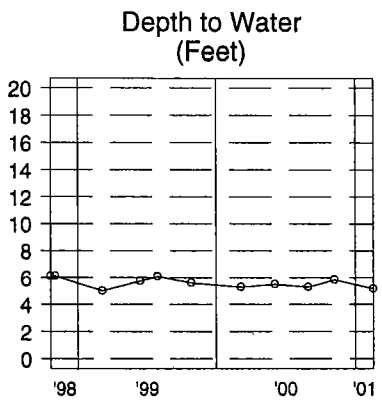

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FORT MONMOUTH

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FORT MONMOUTH
SELFM-PW-EV

03-26-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Chloro benzene	2-Butanone	1,4-Di chloro benzene	Acenaph thene	Fluorene	4,4'-DDE	4,4'-DDD	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	300	75	400	300	0.1	0.1	200	300	-
10/07/1998	FMETL	5.03	24.47	2.46	ND	ND	ND	0.04	3480	62200	V,S,P,M
10/23/1998	FMETL	5.56	4.23	2.6	ND	ND	ND	ND	500	49900	V,S,P,M
03/02/1999	FMETL	2.66	ND	ND	ND	ND	ND	ND	6840	73200	V,S,P,M
06/11/1999	FMETL	5.44	ND	1.57	1.14	1.18	ND	0.079	7620	82400	V,S,P,M
07/27/1999	FMETL	5.60	ND	2.99	1.21	1.19	0.012	0.044	7580	77800	V,S,P,M
10/26/1999	FMETL	6.28	ND	3.44	1.84	1.84	ND	ND	2750	65800	V,S,P,M
03/02/2000	FMETL	3.26	ND	1.40	ND	ND	ND	ND	1330	47300	V,S,P,M
06/01/2000	FMETL	3.56	ND	1.58	1.16	1.01	ND	ND	2160	64800	V,S,P,M
06/01/2000D	FMETL	3.50	ND	ND	1.32	1.14	ND	ND	1370	59300	V,S,P,M
08/28/2000	FMETL	3.27	ND	1.17	1.16	1.12	ND	ND	1250	50600	V,S,P,M
11/07/2000	FMETL	5.65	ND	2.87	1.44	1.32	ND	ND	1380	63600	V,S,P,M
02/14/2001	FMETL	1.64	ND	ND	ND	ND	ND	ND	289	43300	V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
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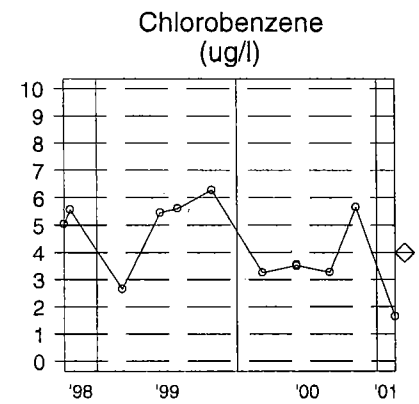
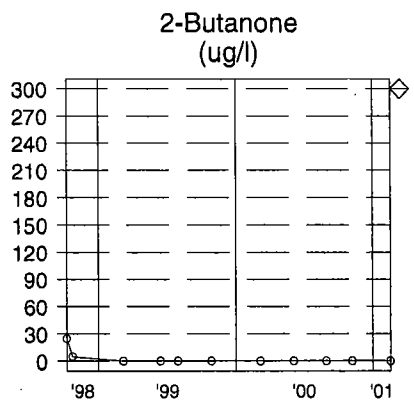
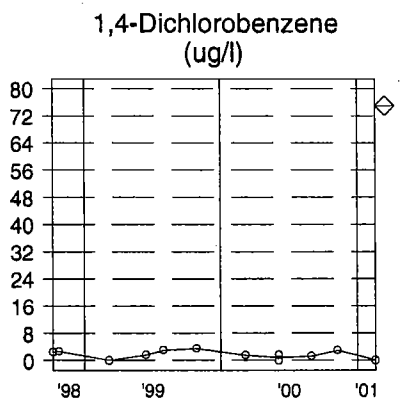
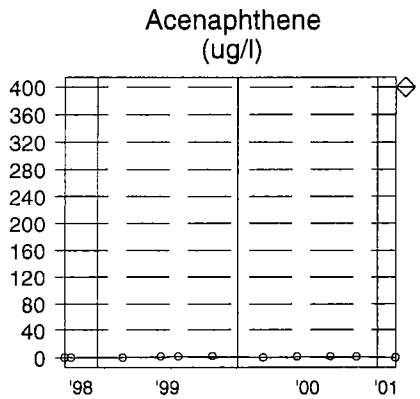
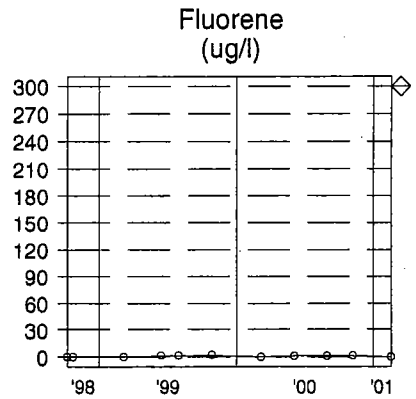
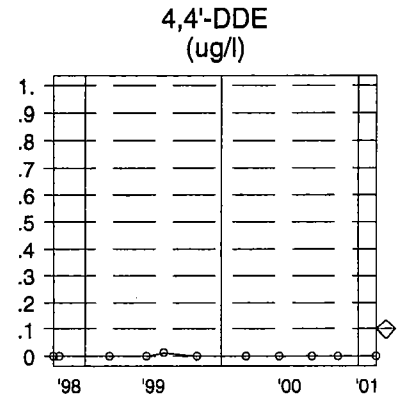


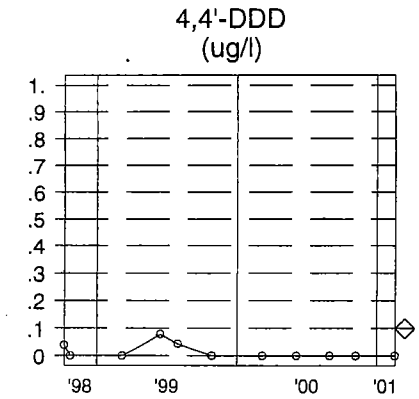


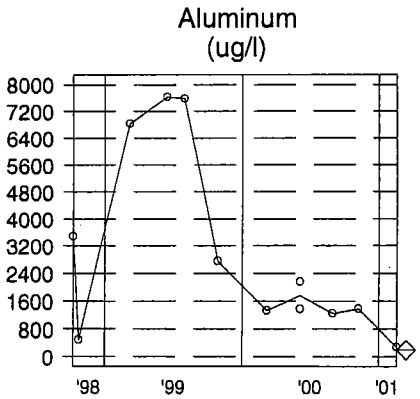


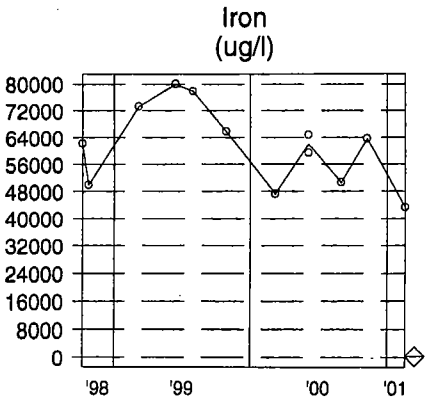












SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 02/14/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-26-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	20	2000	4	NLE	NLE	100	-
10/07/1998	FMETL	588	11	ND	ND	393	1.2	116000	10300	29	V,S,P,M
10/23/1998	FMETL	549	3.83	ND	2.52	341	ND	108000	9020	6.2	V,S,P,M
03/02/1999	FMETL	1780	11.2	ND	4.45	279	12.3	185000	14500	263	V,S,P,M
06/11/1999	FMETL	956	15.2	ND	ND	529	47.3	108000	10200	79.8	V,S,P,M
07/27/1999	FMETL	897	22.3	ND	ND	472	14.6	117000	11400	157	V,S,P,M
10/26/1999	FMETL	822	7.95	ND	ND	468	7.61	112000	9970	24.2	V,S,P,M
03/02/2000	FMETL	1020	ND	1.74	ND	287	15	151000	13000	359	V,S,P,M
06/01/2000	FMETL	1010	17.8	ND	2.68	436	19.1	133000	11300	104	V,S,P,M
06/01/2000D	FMETL	1020	6.21	ND	2.69	408	11.7	134000	11300	87.8	V,S,P,M
08/28/2000	FMETL	1890	4.17	3.56	ND	271	12.7	133000	11000	469	V,S,P,M
11/07/2000	FMETL	873	4.35	ND	ND	464	8.89	115000	10000	38.0	V,S,P,M
02/14/2001	FMETL	1400	ND	ND	ND	330	6.31	163000	13000	530	V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 02/14/2001

NOTES:

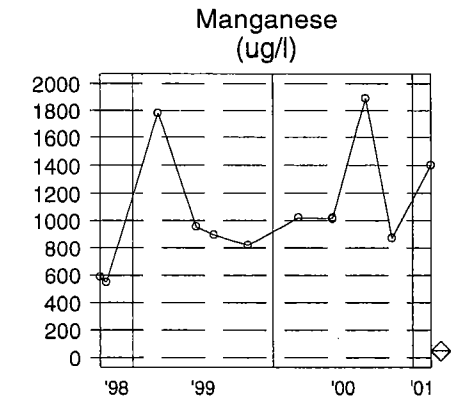
Page 2 of 3

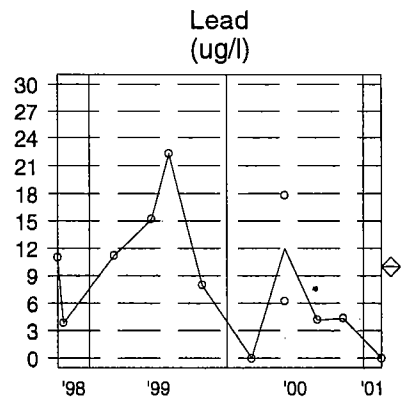
FORT MONMOUTH

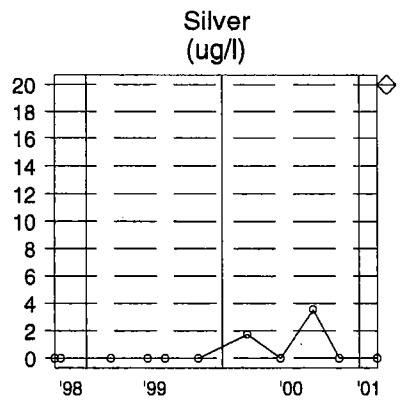
GW MONITORING
M-3

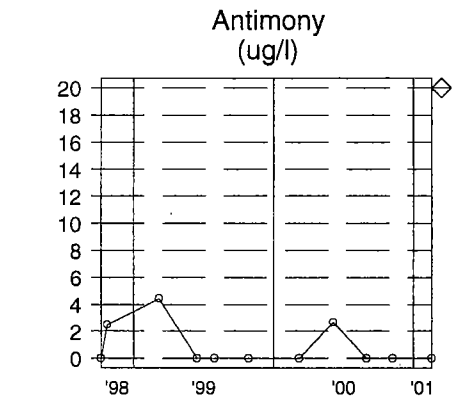
Source 8 of 8

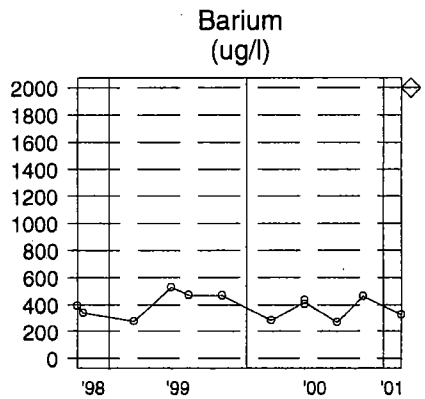
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

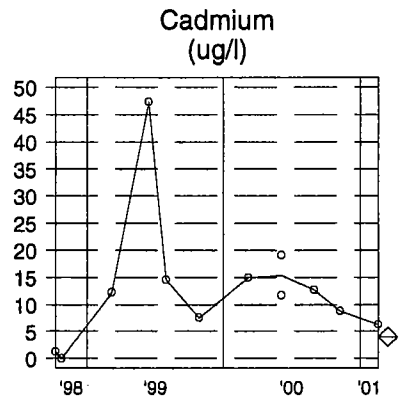


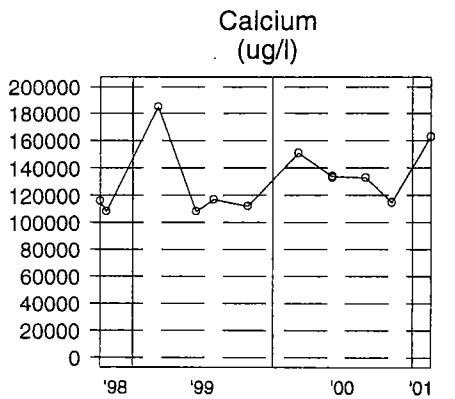


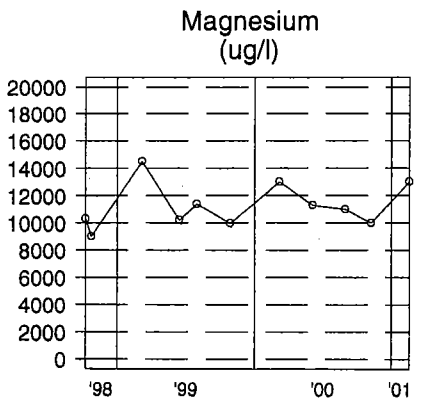


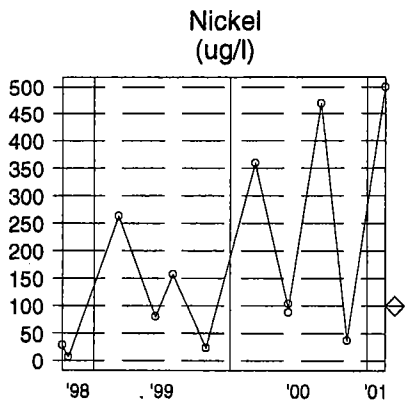












SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 02/14/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-26-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Potassium	Sodium	Zinc	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	NLE	50000	5000	-						-
10/07/1998	FMETL	12100	13600	435	8.56						V,S,P,M
10/23/1998	FMETL	8620	7180	98.2	8.63						V,S,P,M
03/02/1999	FMETL	8110	14800	3350	7.65						V,S,P,M
06/11/1999	FMETL	8430	10700	1850	8.27						V,S,P,M
07/27/1999	FMETL	9960	10900	2320	8.55						V,S,P,M
10/26/1999	FMETL	8450	11100	330	8.03						V,S,P,M
03/02/2000	FMETL	7320	13200	6050	7.72						V,S,P,M
06/01/2000	FMETL	6780	10200	1550	7.93						V,S,P,M
06/01/2000D	FMETL	6600	10600	1140	7.93						V,S,P,M
08/28/2000	FMETL	7090	11300	3850	8.73						V,S,P,M
11/07/2000	FMETL	7190	9290	1060	8.05						V,S,P,M
02/14/2001	FMETL	7190	20100	3140	7.25						V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 02/14/2001

NOTES:

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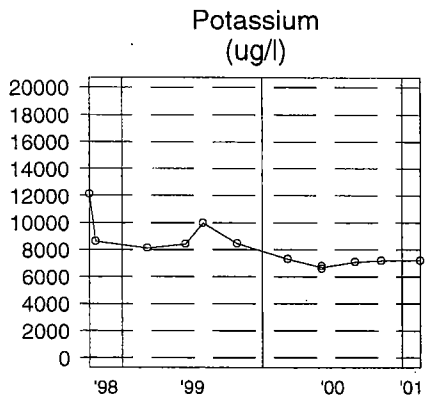
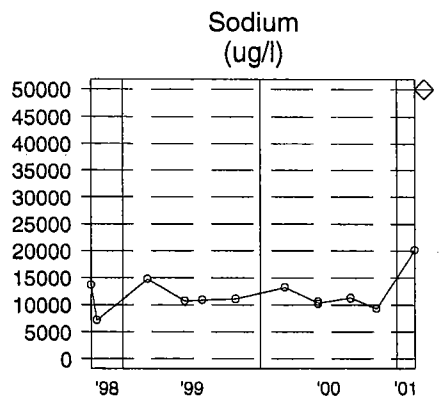
FORT MONMOUTH

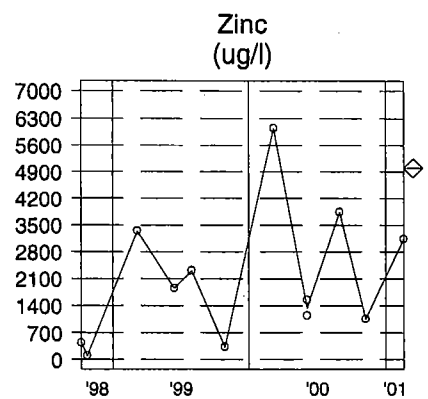
GW MONITORING
M-3

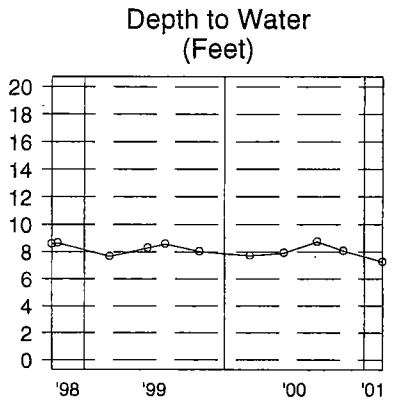
Source 8 of 8

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV









SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 02/14/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-26-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-3

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
16123.04	00M3MW04	29-32568	05/17/01
16123.05	00M3MW05	29-32569	05/17/01
16123.06	00M3MW06	29-32570	05/17/01
16123.07	00M3MW07	29-39173	05/17/01
16123.08	00M3MW08	29-39174	05/17/01
16123.09	00M3MW09	29-39175	05/17/01
16123.10	00M3MW10	29-39176	05/17/01
16123.11	00M3MW11	29-39145	05/17/01

NJDEP Laboratory Certification # 13461

7-19-01
Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M3 wells
2nd Qtr '01

Samplers Name / Company: Corey McCormack, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VO 415	TAL mms	Pest/PCB	BNA 725				Hno Read	Remarks / Preservation Method
16123 .01	Trip	5/17/01	0800	AQ	2	✓							—	
.02	Field Blank		0900		5	✓	✓	✓	✓				—	
.03	Dupe		—		5	✓	✓	✓	✓				—	
.04	M3 mw04		1318		5	✓	✓	✓	✓				0.0	29-32568
.05	M3 mw05		1244		~~9~~ 5	✓	✓	✓	✓				0.0	29-32569
.06	M3 mw06		1237		~~5~~ 9	✓	✓	✓	✓				0.0	29-32570
.07	M3 mw07		1428		5	✓	✓	✓	✓				0.0	29-39173
.08	M3 mw08		1400		5	✓	✓	✓	✓				0.0	29-39174
.09	M3 mw09		1040		5	✓	✓	✓	✓				0.0	29-39175
.10	M3 mw10		1011		5	✓	✓	✓	✓				0.0	29-39176
.11	M3 mw11		0928		5	✓	✓	✓	✓				0.0	29-39145

Comments: HCL/HNO3/<4°C

Relinquished by (signature)	Date/Time	Received by (signature)	Relinquished by (signature)	Date/Time	Received by (signature)
Corey McCormack	5/17/01 1500	[signature]			
Relinquished by (signature)	Date/Time	Received by (signature)	Relinquished by (signature)	Date/Time	Received by (signature)
		[signature]			

Report Type: ( )Full, (X)Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H→O

print legibly

Coc5/1/01

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW04
NJDEP ID #: 29-32568
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/17/01
WEATHER: Overcast, cool.
TIDE: High-Outgoing.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.52 ft
DEPTH OF WELL: 25.11 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 13.59 ft
(13.59) X .65 X 3 =26.50
GALLONS OF H2O TO BE PURGED: 27 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:20
pH 5.04 su
DISSOLVED O2 6.03 ppm
TEMP 13.7 °C
SPECIFIC CONDUCTIVITY 482 us/cm

PURGE END TIME: 13:17
pH 4.93 su
DISSOLVED O2 5.34 ppm
TEMP 12.9 °C
SPECIFIC CONDUCTIVITY 486 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 12.12 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 27 gal

SAMPLE START TIME: 13:18
pH 4.92 su
DISSOLVED O2 5.33 ppm
TEMP 12.9 °C
SPECIFIC CONDUCTIVITY 486 us/cm

SAMPLE END TIME: 13:24

COMMENTS: DUP. Here. Low pH.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW05
NJDEP ID #: 29-32569
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/17/01
WEATHER: Overcast, cool.
TIDE: High-Outgoing.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.68 ft
DEPTH OF WELL: 18.14 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.46 ft
(9.46) X .65 X 3 =18.44
GALLONS OF H2O TO BE PURGED: 18 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:25
pH 6.63 su
DISSOLVED O2 5.97 ppm
TEMP 13.8 °C
SPECIFIC CONDUCTIVITY 571 us/cm

PURGE END TIME: 12:43
pH 6.57 su
DISSOLVED O2 5.31 ppm
TEMP 13.2 °C
SPECIFIC CONDUCTIVITY 575 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 9.65 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 18 gal

SAMPLE START TIME: 12:44
pH 6.57 su
DISSOLVED O2 5.29 ppm
TEMP 13.1 °C
SPECIFIC CONDUCTIVITY 574 us/cm

SAMPLE END TIME: 12:49

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW06
NJDEP ID #: 29-32570
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/17/01
WEATHER: Overcast, cool.
TIDE: High-Outgoing.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.43 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.74 ft
(8.74) X .65 X 3 =17.04
GALLONS OF H2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:22
pH 6.43 su
DISSOLVED O2 5.97 ppm
TEMP 14.9 °C
SPECIFIC CONDUCTIVITY 590 us/cm

PURGE END TIME: 12:36
pH 6.32 su
DISSOLVED O2 5.23 ppm
TEMP 14.4 °C
SPECIFIC CONDUCTIVITY 594 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 10.09 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 12:37
pH 6.32 su
DISSOLVED O2 5.20 ppm
TEMP 14.3 °C
SPECIFIC CONDUCTIVITY 594 us/cm

SAMPLE END TIME: 12:40

COMMENTS: MS/MSD here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW07
NJDEP ID #: 29-39173
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/17/01
WEATHER: Overcast, cool.
TIDE: High-Outgoing.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 10.29 ft
DEPTH OF WELL: 18.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.19 ft
(8.19) X .163 X 3 =4.00
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 14:10
pH 7.07 su
DISSOLVED O2 5.91 ppm
TEMP 14.0 °C
SPECIFIC CONDUCTIVITY 2.35 ms/cm

PURGE END TIME: 14:27
pH 7.02 su
DISSOLVED O2 5.21 ppm
TEMP 13.5 °C
SPECIFIC CONDUCTIVITY 2.35 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 11.30 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 14:28
pH 7.02 su
DISSOLVED O2 5.20 ppm
TEMP 13.5 °C
SPECIFIC CONDUCTIVITY 2.35 ms/cm

SAMPLE END TIME: 14:32

COMMENTS: Slightly cloudy.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW08
NJDEP ID #: 29-39174
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/17/01
WEATHER: Overcast, cool.
TIDE: High-Outgoing.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.00 ft
DEPTH OF WELL: 15.23 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.23 ft
(9.23) X .163 X 3 =4.51
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:37
pH 6.67 su
DISSOLVED O2 6.17 ppm
TEMP 13.7 °C
SPECIFIC CONDUCTIVITY 652 us/cm

PURGE END TIME: 13:59
pH 6.60 su
DISSOLVED O2 5.34 ppm
TEMP 13.0 °C
SPECIFIC CONDUCTIVITY 654 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 7.22 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 14:00
pH 6.60 su
DISSOLVED O2 5.32 ppm
TEMP 13.0 °C
SPECIFIC CONDUCTIVITY 654 us/cm

SAMPLE END TIME: 14:04

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW09
NJDEP ID #: 29-39175
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/17/01
WEATHER: Overcast, cool.
TIDE: High-Outgoing.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 11.11 ft
DEPTH OF WELL: 16.95 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 5.84 ft
(5.84) X .163 X 3 =2.85
GALLONS OF H2O TO BE PURGED: 3 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:27
pH 6.67 su
TEMP 13.8 °C
DISSOLVED O2 5.97 ppm
SPECIFIC CONDUCTIVITY 719 us/cm

PURGE END TIME: 10:40
pH 6.62 su
TEMP 13.0 °C
DISSOLVED O2 5.30 ppm
SPECIFIC CONDUCTIVITY 721 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 11.41 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 3 gal

SAMPLE START TIME: 10:41
pH 6.61 su
TEMP 13.0 °C
DISSOLVED O2 5.28 ppm
SPECIFIC CONDUCTIVITY 721 us/cm

SAMPLE END TIME: 10:45

COMMENTS: Cloudy while bailing.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW10
NJDEP ID #: 29-39176
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/17/01
WEATHER: Overcast, cool.
TIDE: High-Outgoing.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 5.53 ft
DEPTH OF WELL: 16.05 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.52 ft
(10.52) X .163 X 3 =5.14
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:48
pH 6.60 su
DISSOLVED O2 6.07 ppm
TEMP 12.7 °C
SPECIFIC CONDUCTIVITY 921 us/cm

PURGE END TIME: 10:10
pH 6.54 su
DISSOLVED O2 5.32 ppm
TEMP 12.0 °C
SPECIFIC CONDUCTIVITY 924 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 6.09 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 10:11
pH 6.54 su
DISSOLVED O2 5.30 ppm
TEMP 11.9 °C
SPECIFIC CONDUCTIVITY 924 us/cm

SAMPLE END TIME: 10:15

COMMENTS: Became cloudy while bailing.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005781.D**	Sample Name	**MB 1816**
Operator	**Skelton**	Field ID	**MB 1816**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 1816**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005781.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: not dec. Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005789.D**	Sample Name	**1612301**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.16	222040	3.49 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612301

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005789.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: not dec. Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005790.D**	Sample Name	**1612302**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612302

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005790.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: not dec. Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005791.D**	Sample Name	**1612303**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612303

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005791.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: not dec. Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005792.D**	Sample Name	**1612304**
Operator	**Skelton**	Field ID	**M3MW04**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

5/30/01 3:12 PM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612304

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005792.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: not dec. Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005793.D**	Sample Name	**1612305**
Operator	**Skelton**	Field ID	**M3MW05**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	8.88	210396	3.94 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	674400	4.94 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612305

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005793.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: not dec. Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	33.77	6	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005794.D**	Sample Name	**1612306**
Operator	**Skelton**	Field ID	**M3MW06**
Date Aquired	**19-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	8.88	259394	4.76 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.61	626975	2.60 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	312487	2.25 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW06**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612306

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005794.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: not dec. Date Analyzed: 5/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005795.D**	Sample Name	**1612307**
Operator	**Skelton**	Field ID	**M3MW07**
Date Aquired	**19-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride	5.02	572240	5.20 ug/L	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	201216	2.29 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW07**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612307

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005795.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: not dec. Date Analyzed: 5/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005796.D**	Sample Name	**1612308**
Operator	**Skelton**	Field ID	**M3MW08**
Date Aquired	**19-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	241556	1.78 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW08**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612308

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005796.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: not dec. Date Analyzed: 5/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005797.D**	Sample Name	**1612309**
Operator	**Skelton**	Field ID	**M3MW09**
Date Aquired	**19-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	2137452	15.66 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	133563	1.67 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW09**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612309

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005797.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: not dec. Date Analyzed: 5/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005798.D**	Sample Name	**1612310**
Operator	**Skelton**	Field ID	**M3MW10**
Date Aquired	**19-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	8.87	551596	10.05 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	2255755	15.98 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	100627	1.22 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW10**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612310

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005798.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: not dec. Date Analyzed: 5/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005799.D**	Sample Name	**1612311**
Operator	**Skelton**	Field ID	**M3MW11**
Date Aquired	**19-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	8.88	245425	4.52 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.35	547463	3.97 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW11**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612311

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005799.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: not dec. Date Analyzed: 5/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA05403.D**	Sample Name	**MB 1831**
Operator	**Skelton**	Misc Info	**23May01**
Date Acquired	**5-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA05403.D**	Sample Name	**MB 1831**
Operator	**Skelton**	Misc Info	**23May01**
Date Acquired	**5-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB 1831**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB 1831

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA05403.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: decanted: (Y/N) N Date Extracted: 5/23/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA05422.D**	Sample Name	**1612302**
Operator	**Skelton**	Misc Info	**Field Blank**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA05422.D**	Sample Name	**1612302**
Operator	**Skelton**	Misc Info	**Field Blank**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612302

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA05422.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: decanted: (Y/N) N Date Extracted: 5/23/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/6/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA05423.D**	Sample Name	**1612303**
Operator	**Skelton**	Misc Info	**Dupe**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA05423.D**	Sample Name	**1612303**
Operator	**Skelton**	Misc Info	**Dupe**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612303

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA05423.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: decanted: (Y/N) N Date Extracted: 5/23/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/6/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA05424.D**	Sample Name	**1612304**
Operator	**Skelton**	Misc Info	**M3MW04**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA05424.D**	Sample Name	**1612304**
Operator	**Skelton**	Misc Info	**M3MW04**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612304

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA05424.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: _____ decanted: (Y/N) N Date Extracted: 5/23/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/6/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA05425.D**	Sample Name	**1612305**
Operator	**Skelton**	Misc Info	**M3MW05**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene	17.33	47843	1.52 ug/L	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA05425.D**	Sample Name	**1612305**
Operator	**Skelton**	Misc Info	**M3MW05**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene	18.59	36541	1.03 ug/L	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.49	108520	2.58 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612305

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA05425.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: _____ decanted: (Y/N) N Date Extracted: 5/23/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/6/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA05426.D**	Sample Name	**1612306**
Operator	**Skelton**	Misc Info	**M3MW06**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA05426.D**	Sample Name	**1612306**
Operator	**Skelton**	Misc Info	**M3MW06**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW06**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612306

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA05426.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: decanted: (Y/N) N Date Extracted: 5/23/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/6/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA05427.D**	Sample Name	**1612307**
Operator	**Skelton**	Misc Info	**M3MW07**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA05427.D**	Sample Name	**1612307**
Operator	**Skelton**	Misc Info	**M3MW07**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW07**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612307

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA05427.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: decanted: (Y/N) N Date Extracted: 5/23/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/6/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA05428.D**	Sample Name	**1612308**
Operator	**Skelton**	Misc Info	**M3MW08**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA05428.D**	Sample Name	**1612308**
Operator	**Skelton**	Misc Info	**M3MW08**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.49	70458	1.60 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW08**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612308

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA05428.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: decanted: (Y/N) N Date Extracted: 5/23/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/6/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA05430.D**	Sample Name	**1612309**
Operator	**Skelton**	Misc Info	**M3MW09**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene	10.14	44724	1.96 ug/L	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA05430.D**	Sample Name	**1612309**
Operator	**Skelton**	Misc Info	**M3MW09**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.49	139267	3.00 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW09**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612309

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA05430.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: _____ decanted: (Y/N) N Date Extracted: 5/23/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/6/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA05431.D**	Sample Name	**1612310**
Operator	**Skelton**	Misc Info	**M3MW10**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene	14.98	47092	1.33 ug/L	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene	17.34	39007	1.24 ug/L	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA05431.D**	Sample Name	**1612310**
Operator	**Skelton**	Misc Info	**M3MW10**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.49	57268	1.36 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW10**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612310

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA05431.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: _____ decanted: (Y/N) N Date Extracted: 5/23/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/6/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA05432.D**	Sample Name	**1612311**
Operator	**Skelton**	Misc Info	**M3MW11**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene	10.14	28191	1.31 ug/L	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA05432.D**	Sample Name	**1612311**
Operator	**Skelton**	Misc Info	**M3MW11**
Date Acquired	**6-Jun-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW11**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16123 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612311

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA05432.D

Level: (low/med) LOW Date Received: 5/17/01

% Moisture: decanted: (Y/N) N Date Extracted: 5/23/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/6/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB-1819
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/21/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/01
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB-1821
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/22/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/29/01
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16123.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/17/01
	Bldg. 173	**Extraction Date:**	5/21/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/29/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16123.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/17/01
	Bldg. 173	**Extraction Date:**	5/21/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/29/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16123.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/17/01
	Bldg. 173	**Extraction Date:**	5/21/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/29/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16123.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/17/01
	Bldg. 173	**Extraction Date:**	5/21/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/29/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16123.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/17/01
	Bldg. 173	**Extraction Date:**	5/22/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/29/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16123.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/17/01
	Bldg. 173	**Extraction Date:**	5/21/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/29/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16123.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/17/01
	Bldg. 173	**Extraction Date:**	5/22/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/29/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1	18.21	0.10	0.0020	**0.013**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16123.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/17/01
	Bldg. 173	**Extraction Date:**	5/22/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/29/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16123.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/17/01
	Bldg. 173	**Extraction Date:**	5/22/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/29/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16123.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/17/01
	Bldg. 173	**Extraction Date:**	5/22/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/29/01
Analysis:	EPA Method 608	**Location :**	M3 wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M3MW11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1	18.21	0.10	0.0020	**0.024**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 16123
Sample Prepared: 06/06/01

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/12/01	216	200	10.0
Antimony	07/12/01	ND	20	2.0
Arsenic	07/12/01	ND	8	2.0
Barium	07/12/01	5.21	2000	0.5
Beryllium	07/12/01	ND	20	0.5
Cadmium	07/12/01	ND	4	0.5
Calcium	07/12/01	521	NLE	20.0
Chromium	07/12/01	0.707	100	0.5
Cobalt	07/12/01	0.675	NLE	0.5
Copper	07/12/01	2.89	1000	2.0
Iron	07/12/01	29.4	300	10.0
Lead	07/12/01	ND	10	1.0
Magnesium	07/12/01	29.1	NLE	10.0
Manganese	07/12/01	1.09	50	0.5
Mercury	05/25/01	ND	2	0.1
Nickel	07/12/01	1.17	100	1.0
Potassium	07/12/01	132	NLE	40.0
Selenium	07/12/01	4.22	50	3.0
Silver	07/12/01	ND	20	1.0
Sodium	07/12/01	540	50000	20.0
Thallium	07/12/01	10.9	10	2.0
Vanadium	07/12/01	0.605	NLE	0.5
Zinc	07/12/01	8.39	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1612302
Sample Received: 05/17/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/12/01	276	200	10.0
Antimony	07/12/01	10.4	20	2.0
Arsenic	07/12/01	ND	8	2.0
Barium	07/12/01	7.44	2000	0.5
Beryllium	07/12/01	ND	20	0.5
Cadmium	07/12/01	0.835	4	0.5
Calcium	07/12/01	357	NLE	20.0
Chromium	07/12/01	1.13	100	0.5
Cobalt	07/12/01	ND	NLE	0.5
Copper	07/12/01	43.4	1000	2.0
Iron	07/12/01	86.9	300	2.0
Lead	07/12/01	9.82	10	1.0
Magnesium	07/12/01	101	NLE	10.0
Manganese	07/12/01	0.764	50	0.5
Mercury	05/25/01	ND	2	0.1
Nickel	07/12/01	2.56	100	1.0
Potassium	07/12/01	ND	NLE	40.0
Selenium	07/12/01	ND	50	3.0
Silver	07/12/01	ND	20	1.0
Sodium	07/12/01	277	50000	20.0
Thallium	07/12/01	ND	10	2.0
Vanadium	07/12/01	ND	NLE	0.5
Zinc	07/12/01	58.5	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1612303
Sample Received: 05/17/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/12/01	241	200	10.0
Antimony	07/12/01	ND	20	2.0
Arsenic	07/12/01	2.51	8	2.0
Barium	07/12/01	75.7	2000	0.5
Beryllium	07/12/01	ND	20	0.5
Cadmium	07/12/01	1.42	4	0.5
Calcium	07/12/01	19800	NLE	20.0
Chromium	07/12/01	1.14	100	0.5
Cobalt	07/12/01	7.99	NLE	0.5
Copper	07/12/01	ND	1000	2.0
Iron	07/12/01	2570	300	10.0
Lead	07/12/01	ND	10	1.0
Magnesium	07/12/01	7440	NLE	10.0
Manganese	07/12/01	19.0	50	0.5
Mercury	05/25/01	ND	2	0.1
Nickel	07/12/01	30.8	100	1.0
Potassium	07/12/01	3850	NLE	40.0
Selenium	07/12/01	5.72	50	3.0
Silver	07/12/01	ND	20	1.0
Sodium	07/12/01	19400	50000	20.0
Thallium	07/12/01	ND	10	2.0
Vanadium	07/12/01	ND	NLE	0.5
Zinc	07/12/01	85.7	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1612304
Sample Received: 05/17/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/12/01	253	200	10.0
Antimony	07/12/01	ND	20	2.0
Arsenic	07/12/01	ND	8	2.0
Barium	07/12/01	54.0	2000	0.5
Beryllium	07/12/01	ND	20	0.5
Cadmium	07/12/01	0.990	4	0.5
Calcium	07/12/01	13700	NLE	20.0
Chromium	07/12/01	1.01	100	0.5
Cobalt	07/12/01	6.73	NLE	0.5
Copper	07/12/01	ND	1000	2.0
Iron	07/12/01	2370	300	10.0
Lead	07/12/01	ND	10	1.0
Magnesium	07/12/01	6960	NLE	10.0
Manganese	07/12/01	12.5	50	0.5
Mercury	05/25/01	ND	2	0.1
Nickel	07/12/01	25.9	100	1.0
Potassium	07/12/01	3100	NLE	40.0
Selenium	07/12/01	ND	50	3.0
Silver	07/12/01	ND	20	1.0
Sodium	07/12/01	18600	50000	20.0
Thallium	07/12/01	ND	10	2.0
Vanadium	07/12/01	ND	NLE	0.5
Zinc	07/12/01	83.2	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1612305
Sample Received: 05/17/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/12/01	21.5	200	10.0
Antimony	07/12/01	ND	20	2.0
Arsenic	07/12/01	5.03	8	2.0
Barium	07/12/01	557	2000	0.5
Beryllium	07/12/01	ND	20	0.5
Cadmium	07/12/01	3.62	4	0.5
Calcium	07/12/01	89700	NLE	20.0
Chromium	07/12/01	9.18	100	0.5
Cobalt	07/12/01	ND	NLE	0.5
Copper	07/12/01	7.40	1000	2.0
Iron	07/12/01	62100	300	10.0
Lead	07/12/01	6.33	10	1.0
Magnesium	07/12/01	15600	NLE	10.0
Manganese	07/12/01	401	50	0.5
Mercury	05/25/01	ND	2	0.1
Nickel	07/12/01	1.94	100	1.0
Potassium	07/12/01	9670	NLE	40.0
Selenium	07/12/01	ND	50	3.0
Silver	07/12/01	ND	20	1.0
Sodium	07/12/01	14700	50000	20.0
Thallium	07/12/01	ND	10	2.0
Vanadium	07/12/01	ND	NLE	0.5
Zinc	07/12/01	15.5	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1612306
Sample Received: 05/17/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/12/01	16.9	200	10.0
Antimony	07/12/01	ND	20	2.0
Arsenic	07/12/01	ND	8	2.0
Barium	07/12/01	56.1	2000	0.5
Beryllium	07/12/01	ND	20	0.5
Cadmium	07/12/01	ND	4	0.5
Calcium	07/12/01	87100	NLE	20.0
Chromium	07/12/01	2.57	100	0.5
Cobalt	07/12/01	0.580	NLE	0.5
Copper	07/12/01	ND	1000	2.0
Iron	07/12/01	12200	300	10.0
Lead	07/12/01	ND	10	1.0
Magnesium	07/12/01	22700	NLE	10.0
Manganese	07/12/01	517	50	0.5
Mercury	05/25/01	ND	2	0.1
Nickel	07/12/01	4.40	100	1.0
Potassium	07/12/01	7320	NLE	40.0
Selenium	07/12/01	9.75	50	3.0
Silver	07/12/01	ND	20	1.0
Sodium	07/12/01	14100	50000	20.0
Thallium	07/12/01	ND	10	2.0
Vanadium	07/12/01	ND	NLE	0.5
Zinc	07/12/01	91.7	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1612307
Sample Received: 05/17/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/12/01	258	200	10.0
Antimony	07/12/01	3.17	20	2.0
Arsenic	07/12/01	ND	8	2.0
Barium	07/12/01	135	2000	0.5
Beryllium	07/12/01	ND	20	0.5
Cadmium	07/12/01	1.68	4	0.5
Calcium	07/12/01	149000	NLE	20.0
Chromium	07/12/01	1.75	100	0.5
Cobalt	07/12/01	ND	NLE	0.5
Copper	07/12/01	105	1000	2.0
Iron	07/12/01	9680	300	10.0
Lead	07/12/01	7.12	10	1.0
Magnesium	07/12/01	49900	NLE	10.0
Manganese	07/12/01	811	50	0.5
Mercury	05/25/01	ND	2	0.1
Nickel	07/12/01	1.46	100	1.0
Potassium	07/12/01	17900	NLE	40.0
Selenium	07/12/01	15.6	50	3.0
Silver	07/12/01	4.44	20	1.0
Sodium	07/12/01	254000	50000	20.0
Thallium	07/12/01	ND	10	2.0
Vanadium	07/12/01	1.85	NLE	0.5
Zinc	07/12/01	288	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1612308
Sample Received: 05/17/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/12/01	62.5	200	10.0
Antimony	07/12/01	ND	20	2.0
Arsenic	07/12/01	ND	8	2.0
Barium	07/12/01	287	2000	0.5
Beryllium	07/12/01	ND	20	0.5
Cadmium	07/12/01	2.66	4	0.5
Calcium	07/12/01	70400	NLE	20.0
Chromium	07/12/01	6.87	100	0.5
Cobalt	07/12/01	ND	NLE	0.5
Copper	07/12/01	2.60	1000	2.0
Iron	07/12/01	43500	300	10.0
Lead	07/12/01	2.57	10	1.0
Magnesium	07/12/01	10900	NLE	10.0
Manganese	07/12/01	616	50	0.5
Mercury	05/25/01	ND	2	0.1
Nickel	07/12/01	ND	100	1.0
Potassium	07/12/01	4710	NLE	40.0
Selenium	07/12/01	ND	50	3.0
Silver	07/12/01	ND	20	1.0
Sodium	07/12/01	15600	50000	20.0
Thallium	07/12/01	ND	10	2.0
Vanadium	07/12/01	ND	NLE	0.5
Zinc	07/12/01	23.8	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1612309
Sample Received: 05/17/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/12/01	97.0	200	10.0
Antimony	07/12/01	ND	20	2.0
Arsenic	07/12/01	ND	8	2.0
Barium	07/12/01	333	2000	0.5
Beryllium	07/12/01	ND	20	0.5
Cadmium	07/12/01	3.77	4	0.5
Calcium	07/12/01	59300	NLE	20.0
Chromium	07/12/01	9.23	100	0.5
Cobalt	07/12/01	ND	NLE	0.5
Copper	07/12/01	ND	1000	2.0
Iron	07/12/01	59500	300	10.0
Lead	07/12/01	2.93	10	1.0
Magnesium	07/12/01	12200	NLE	10.0
Manganese	07/12/01	694	50	0.5
Mercury	05/25/01	ND	2	0.1
Nickel	07/12/01	ND	100	1.0
Potassium	07/12/01	8030	NLE	40.0
Selenium	07/12/01	ND	50	3.0
Silver	07/12/01	ND	20	1.0
Sodium	07/12/01	13000	50000	20.0
Thallium	07/12/01	ND	10	2.0
Vanadium	07/12/01	ND	NLE	0.5
Zinc	07/12/01	52.5	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1612310
Sample Received: 05/17/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/12/01	827	200	10.0
Antimony	07/12/01	ND	20	2.0
Arsenic	07/12/01	6.18	8	2.0
Barium	07/12/01	625	2000	0.5
Beryllium	07/12/01	ND	20	0.5
Cadmium	07/12/01	4.08	4	0.5
Calcium	07/12/01	97500	NLE	20.0
Chromium	07/12/01	17.4	100	0.5
Cobalt	07/12/01	ND	NLE	0.5
Copper	07/12/01	ND	1000	2.0
Iron	07/12/01	66700	300	10.0
Lead	07/12/01	4.31	10	1.0
Magnesium	07/12/01	15500	NLE	10.0
Manganese	07/12/01	553	50	0.5
Mercury	05/25/01	0.14	2	0.1
Nickel	07/12/01	1.92	100	1.0
Potassium	07/12/01	9390	NLE	40.0
Selenium	07/12/01	ND	50	3.0
Silver	07/12/01	4.00	20	1.0
Sodium	07/12/01	13900	50000	20.0
Thallium	07/12/01	ND	10	2.0
Vanadium	07/12/01	4.88	NLE	0.5
Zinc	07/12/01	33.1	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1612311
Sample Received: 05/15/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW11

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/12/01	858	200	10.0
Antimony	07/12/01	ND	20	2.0
Arsenic	07/12/01	ND	8	2.0
Barium	07/12/01	263	2000	0.5
Beryllium	07/12/01	ND	20	0.5
Cadmium	07/12/01	6.91	4	0.5
Calcium	07/12/01	99700	NLE	20.0
Chromium	07/12/01	12.3	100	0.5
Cobalt	07/12/01	2.10	NLE	0.5
Copper	07/12/01	39.4	1000	2.0
Iron	07/12/01	48500	300	10.0
Lead	07/12/01	5.52	10	1.0
Magnesium	07/12/01	8600	NLE	10.0
Manganese	07/12/01	910	50	0.5
Mercury	05/25/01	0.15	2	0.1
Nickel	07/12/01	116	100	1.0
Potassium	07/12/01	5480	NLE	40.0
Selenium	07/12/01	ND	50	3.0
Silver	07/12/01	2.35	20	1.0
Sodium	07/12/01	ND	50000	20.0
Thallium	07/12/01	ND	10	2.0
Vanadium	07/12/01	3.41	NLE	0.5
Zinc	07/12/01	1880	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Acetone	Di-n-butyl phthalate	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	900	200	300	50	10	20	20	2000	-
05/01/1997	FMETL	ND	83	330	270	39	ND	21	-	-	V,S,P,M
08/07/1997	FMETL	ND	1.95	139	140	62	0.6	ND	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	146	2550	64	16	ND	ND	94.5	V,S,P,M
02/17/1998	FMETL	ND	13.6	430	206	56	ND	ND	ND	84.5	V,S,P,M
05/05/1998	FMETL	ND	ND	461	433	6.6	ND	ND	9	38	V,S,P,M
07/07/1998	FMETL	ND	ND	877	4990	39.4	ND	ND	5.24	131	V,S,P,M
10/27/1998	FMETL	ND	ND	121	1260	41.8	ND	ND	8.54	126	V,S,P,M
03/01/1999	FMETL	ND	ND	815	2390	27.2	2.28	ND	3.95	91	V,S,P,M
06/11/1999	FMETL	ND	ND	244	1030	55.7	ND	ND	ND	150	V,S,P,M
07/27/1999	FMETL	ND	ND	137	515	72.6	ND	ND	2.41	159	V,S,P,M
10/26/1999	FMETL	ND	ND	111	2270	44.4	ND	ND	ND	112	V,S,P,M
03/02/2000	FMETL	ND	ND	219	1390	40.8	ND	ND	ND	137	V,S,P,M
03/02/2000D	FMETL	ND	ND	367	1910	153	ND	ND	10.4	156	V,S,P,M
06/01/2000	FMETL	ND	ND	281	1390	22.4	2.93	ND	3.10	71.8	V,S,P,M
08/28/2000	FMETL	ND	ND	231	3960	49.4	1.37	ND	ND	176	V,S,P,M
08/28/2000D	FMETL	ND	ND	431	4710	48.9	1.91	ND	ND	177	V,S,P,M
11/07/2000	FMETL	5.16	ND	129	4940	54.4	ND	ND	ND	200	V,S,P,M
02/14/2001	FMETL	ND	ND	148	2990	42.1	ND	ND	ND	127	V,S,P,M
02/14/2001D	FMETL	ND	ND	177	5310	44.0	ND	ND	ND	133	V,S,P,M
05/17/2001	FMETL	ND	ND	253	2370	12.5	ND	ND	ND	54.0	V,S,P,M
05/17/2001D	FMETL	ND	ND	241	2570	19.0	ND	ND	ND	75.7	V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 05/17/2001

NOTES:

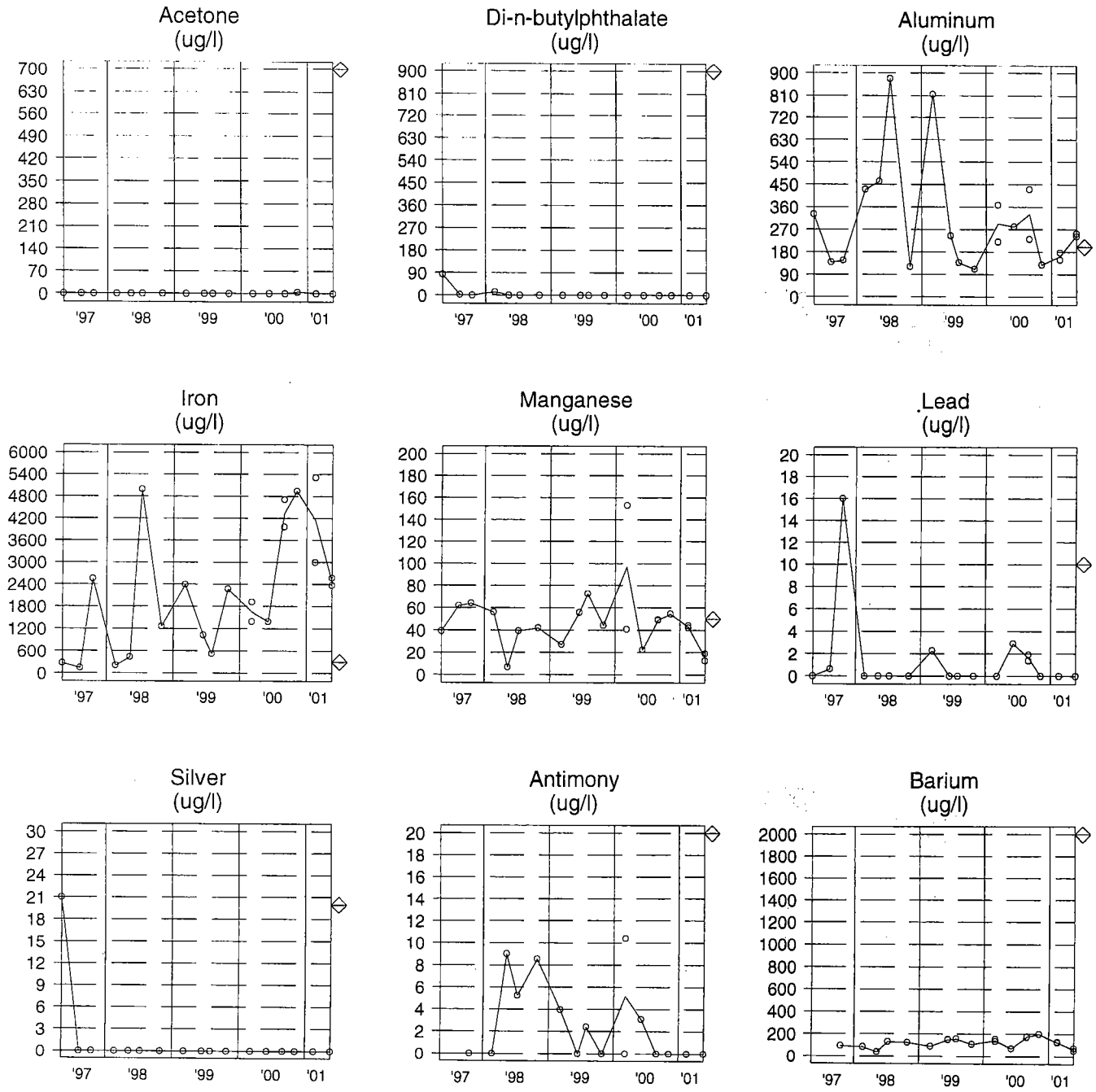
Page 1 of 2.

FORT MONMOUTH

GW MONITORING
M-3

Source 1 of 8

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 05/17/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 1 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
05/01/1997	FMETL	-	-	-	-	-	-	-	10.55		V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	-	13.30		V,S,P,M
10/16/1997	FMETL	2.8	48790	6590	25.3	8040	18650	124	14.10		V,S,P,M
02/17/1998	FMETL	2.2	26330	8530	36	5700	16740	88	8.80		V,S,P,M
05/05/1998	FMETL	0.6	7004	7252	19.9	3590	13730	89.8	9.40		V,S,P,M
07/07/1998	FMETL	2.41	44100	8620	46	11000	19200	129	12.26		V,S,P,M
10/27/1998	FMETL	3.78	42500	6710	41.6	10500	16200	46	14.51		V,S,P,M
03/01/1999	FMETL	1.91	27800	8940	34.1	5920	21400	106	11.25		V,S,P,M
06/11/1999	FMETL	3.34	58600	9670	48.9	9210	27300	60.5	13.21		V,S,P,M
07/27/1999	FMETL	4.70	66400	9170	38.8	9770	23100	56.7	13.96		V,S,P,M
10/26/1999	FMETL	2.23	36900	5680	28.2	6850	21400	27.6	13.41		V,S,P,M
03/02/2000	FMETL	3.10	46500	11600	66.5	6880	29600	173	11.95		V,S,P,M
03/02/2000D	FMETL	4.16	51100	21400	73.5	7560	32900	159	11.95		V,S,P,M
06/01/2000	FMETL	0.909	28000	9760	53.5	4950	25800	124	11.92		V,S,P,M
08/28/2000	FMETL	3.25	55600	10300	50.8	8610	28500	94.1	11.89		V,S,P,M
08/28/2000D	FMETL	3.17	54500	10400	51.9	8550	29000	97.3	11.89		V,S,P,M
11/07/2000	FMETL	2.81	48900	10300	69.7	8230	30300	91.5	12.91		V,S,P,M
02/14/2001	FMETL	ND	40000	9910	37.0	5950	21400	68.4	9.93		V,S,P,M
02/14/2001D	FMETL	ND	41500	9970	38.1	6140	21600	70.9	9.93		V,S,P,M
05/17/2001	FMETL	0.990	13700	6960	25.9	3100	18600	83.2	11.52		V,S,P,M
05/17/2001D	FMETL	1.42	19800	7440	30.8	3850	19400	85.7	11.52		V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 05/17/2001

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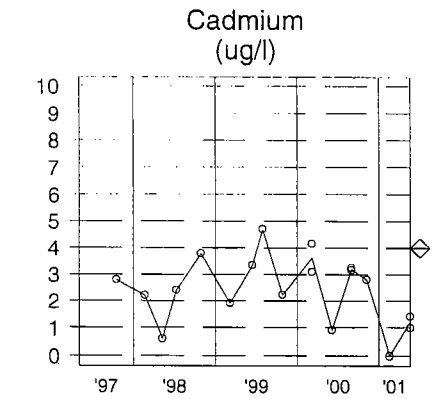

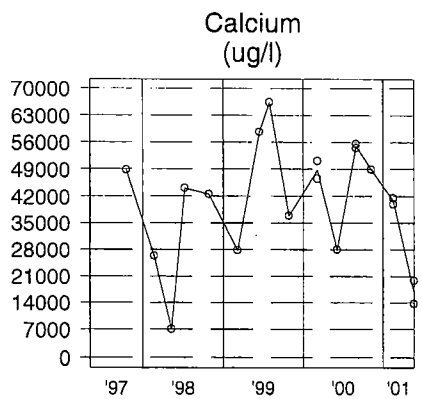

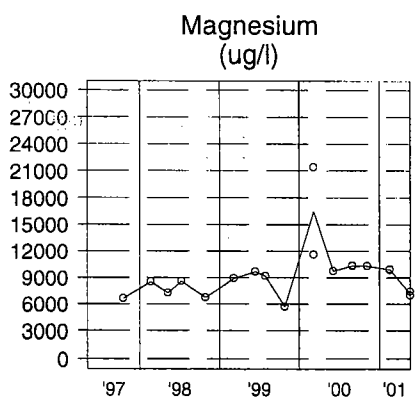

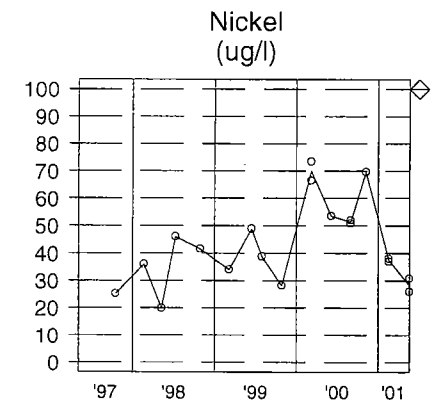

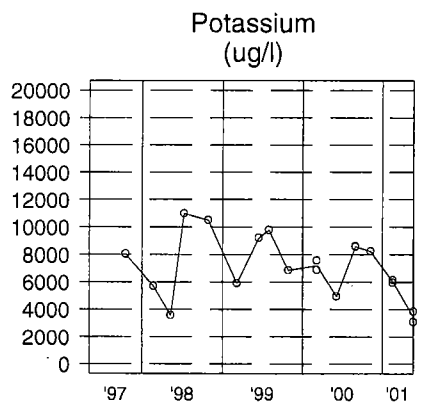

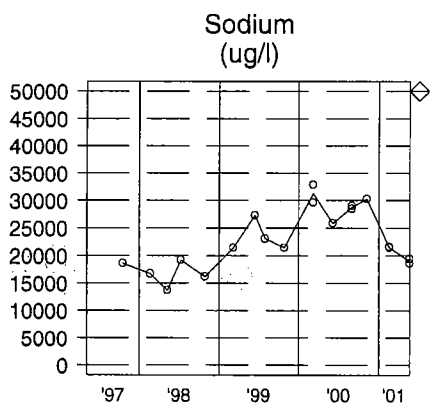

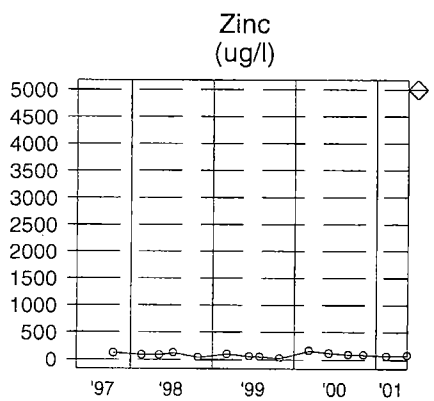

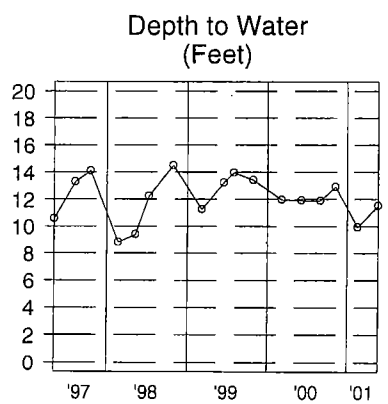

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 05/17/2001

LEGEND:

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	Lab	Acetone	Chloro benzene	Benzene	1,4-Di chloro benzene	Di-n-butyl phthalate	2-Methyl naphtha lene	Acenaph thene	Fluorene	Phen anthrene	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	1	75	900	NLE	400	300	NLE	-
05/01/1997	FMETL	ND	3.82	ND	ND	123	1.64	1.31	1.03	1.35	V,S,P,M
08/07/1997	FMETL	ND	7.28	ND	ND	2.28	1.82	1.31	ND	1.08	V,S,P,M
10/16/1997	FMETL	ND	6.70	ND	ND	ND	2.08	1.70	1.13	1.57	V,S,P,M
02/17/1998	FMETL	ND	4.66	ND	ND	43.6	1.33	1.78	1.13	1.40	V,S,P,M
05/05/1998	FMETL	ND	7.33	1.44	ND	ND	ND	ND	ND	ND	V,S,P,M
07/07/1998	FMETL	ND	9.23	1.33	ND	ND	1.80	1.52	1.06	1.01	V,S,P,M
10/27/1998	FMETL	ND	5.05	ND	ND	ND	ND	ND	ND	2.32	V,S,P,M
03/01/1999	FMETL	ND	5.19	ND	ND	ND	1.57	2.44	ND	2.27	V,S,P,M
06/11/1999	FMETL	ND	5.60	ND	ND	ND	ND	1.04	ND	1.13	V,S,P,M
07/27/1999	FMETL	ND	5.21	ND	1.10	ND	1.49	1.47	ND	ND	V,S,P,M
10/26/1999	FMETL	ND	5.39	ND	1.02	ND	2.00	2.20	1.65	2.14	V,S,P,M
03/02/2000	FMETL	ND	4.09	ND	ND	ND	1.29	1.74	1.29	1.45	V,S,P,M
06/01/2000	FMETL	ND	4.32	ND	ND	ND	1.27	1.63	1.20	1.30	V,S,P,M
08/28/2000	FMETL	ND	5.72	ND	ND	ND	1.54	1.92	1.40	ND	V,S,P,M
11/07/2000	FMETL	ND	5.41	ND	ND	ND	1.40	1.47	1.03	ND	V,S,P,M
02/14/2001	FMETL	ND	3.33	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
05/17/2001	FMETL	3.94	4.94	ND	ND	ND	ND	1.52	1.03	ND	V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
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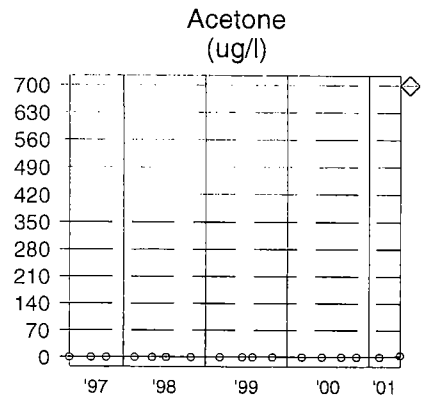

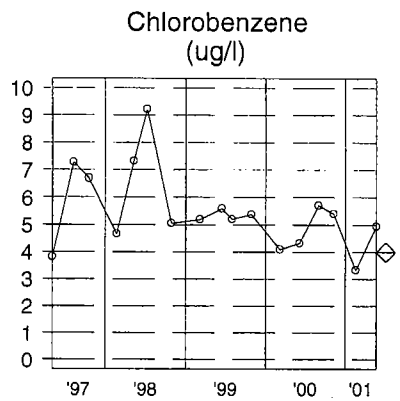

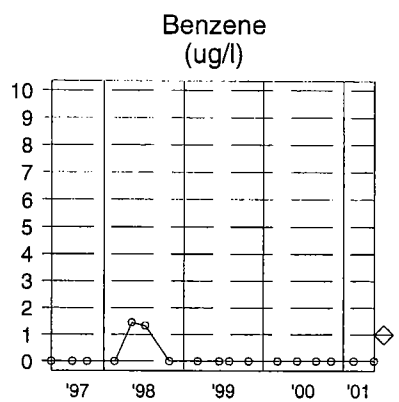

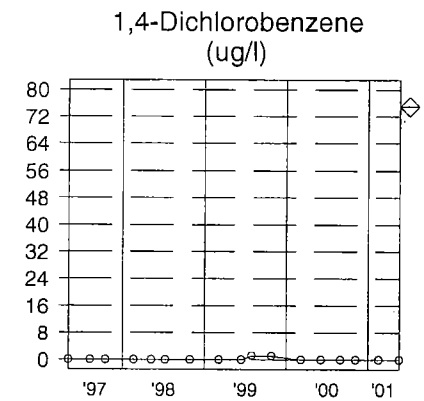

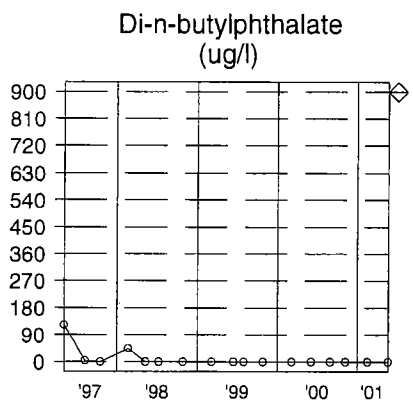

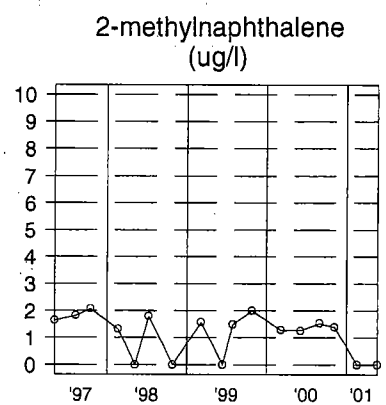

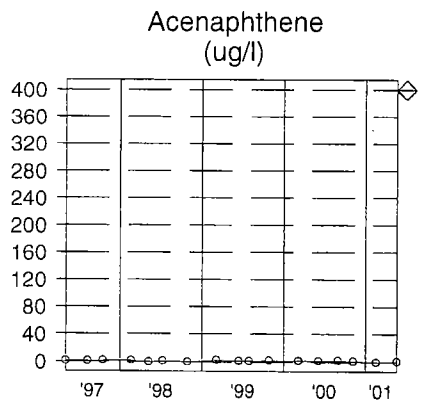

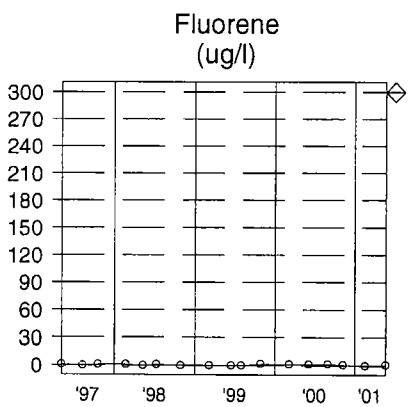

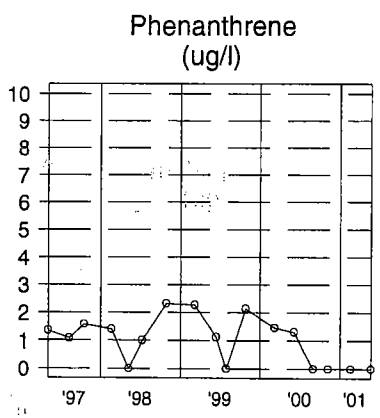

SOURCE: 00M3MW05

Sampling Dates:
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LEGEND:

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SELFM-PW-EV

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	Lab	bis(2-Ethyl hexyl) phthalate	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	30	200	300	50	10	20	20	2000	4	-
05/01/1997	FMETL	ND	27	73000	440	ND	21	-	-	-	V,S,P,M
08/07/1997	FMETL	ND	182	187600	503	20.5	ND	-	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	627.3	ND	V,S,P,M
02/17/1998	FMETL	ND	149	70470	425	6.0	ND	ND	664	ND	V,S,P,M
05/05/1998	FMETL	ND	ND	84560	409	ND	ND	4.3	637	ND	V,S,P,M
07/07/1998	FMETL	ND	22.3	65400	399	4.54	ND	4.26	555	1.2	V,S,P,M
10/27/1998	FMETL	ND	ND	67300	421	ND	ND	7.83	636	ND	V,S,P,M
03/01/1999	FMETL	ND	13.4	75500	409	3.15	ND	2.4	638	ND	V,S,P,M
06/11/1999	FMETL	ND	ND	70000	440	ND	ND	ND	566	4.38	V,S,P,M
07/27/1999	FMETL	ND	15.0	76500	501	ND	ND	ND	655	1.21	V,S,P,M
10/26/1999	FMETL	ND	31	66500	395	ND	ND	ND	625	ND	V,S,P,M
03/02/2000	FMETL	4.03	16.3	74000	417	ND	ND	ND	647	ND	V,S,P,M
06/01/2000	FMETL	3.89	13.2	73900	430	ND	ND	ND	693	ND	V,S,P,M
08/28/2000	FMETL	3.79	101	69900	382	1.98	ND	2.68	630	ND	V,S,P,M
11/07/2000	FMETL	3.12	ND	67700	429	ND	ND	ND	686	ND	V,S,P,M
02/14/2001	FMETL	1.48	ND	66300	426	ND	ND	ND	639	0.81	V,S,P,M
05/17/2001	FMETL	2.58	21.5	62100	401	6.33	ND	ND	557	3.62	V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
05/01/1997 - 05/17/2001

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FORT MONMOUTH

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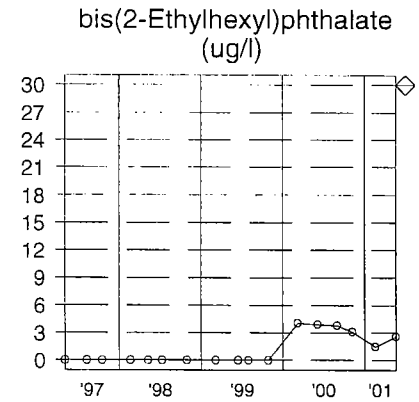

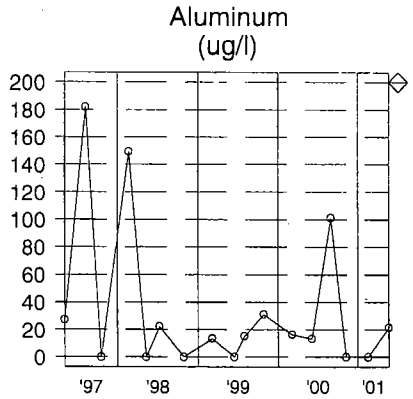

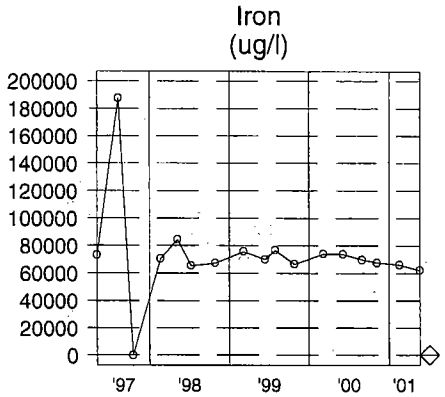

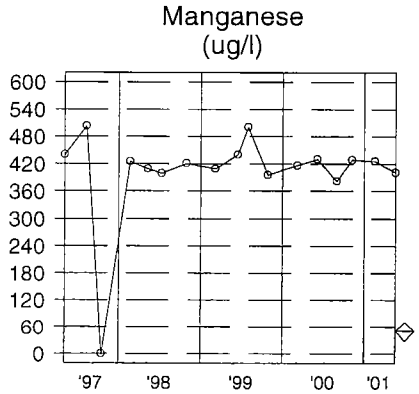

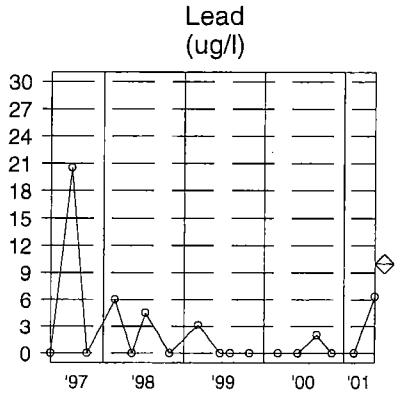

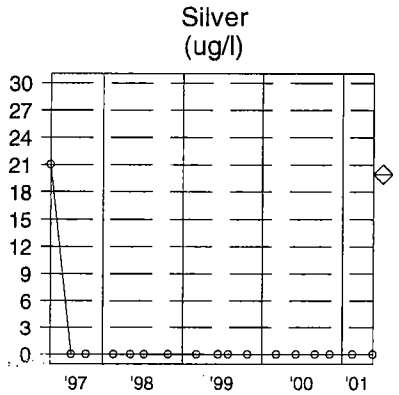

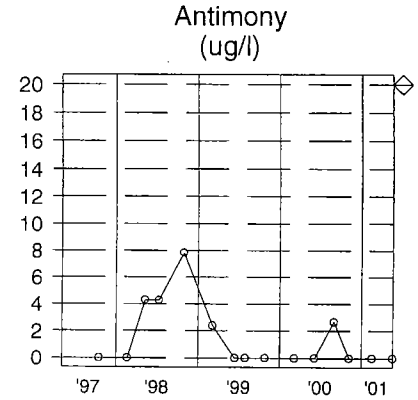

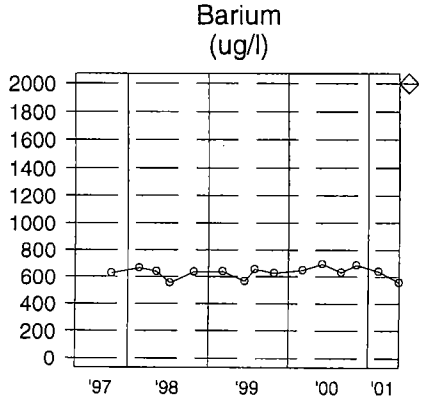

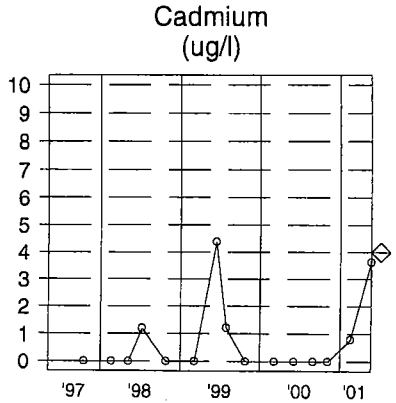

SOURCE: 00M3MW05

Sampling Dates:
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LEGEND:

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o = Date Sampled

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FORT MONMOUTH

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SELFM-PW-EV

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	Lab	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	NLE	NLE	100	NLE	50000	5000	-			-
05/01/1997	FMETL	-	-	-	-	-	-	7.90			V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	8.85			V,S,P,M
10/16/1997	FMETL	90160	14600	1.1	12350	17370	44	9.10			V,S,P,M
02/17/1998	FMETL	96030	15840	5.7	13960	16070	ND	7.70			V,S,P,M
05/05/1998	FMETL	89180	14300	1.4	15490	16640	2.2	7.76			V,S,P,M
07/07/1998	FMETL	90100	13800	ND	15100	9510	18.8	8.66			V,S,P,M
10/27/1998	FMETL	88000	14000	0.87	14100	11800	ND	9.64			V,S,P,M
03/01/1999	FMETL	97800	15800	1.69	11400	17300	3.68	8.47			V,S,P,M
06/11/1999	FMETL	89600	14700	11000	10800	16800	ND	9.13			V,S,P,M
07/27/1999	FMETL	90500	15000	2.15	10900	18000	13.7	9.49			V,S,P,M
10/26/1999	FMETL	85700	13900	1.0	10800	15800	5.69	8.77			V,S,P,M
03/02/2000	FMETL	95000	15700	0.912	10800	15500	17	8.45			V,S,P,M
06/01/2000	FMETL	98200	16600	10.9	10700	15000	13.2	8.53			V,S,P,M
08/28/2000	FMETL	94800	15800	ND	11900	15600	23.8	8.31			V,S,P,M
11/07/2000	FMETL	91500	15300	ND	10500	16100	21.3	9.00			V,S,P,M
02/14/2001	FMETL	99300	17300	ND	10700	16200	5.86	7.14			V,S,P,M
05/17/2001	FMETL	89700	15600	1.94	9670	14700	15.5	8.68			V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
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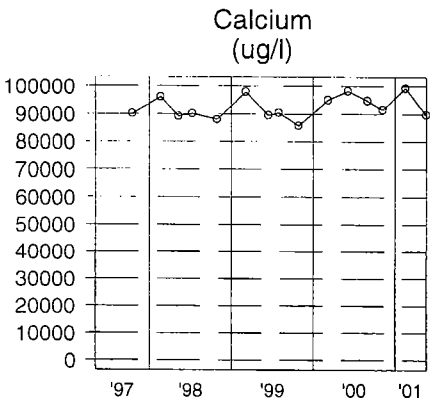

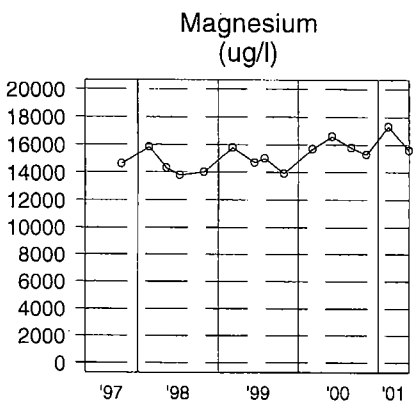

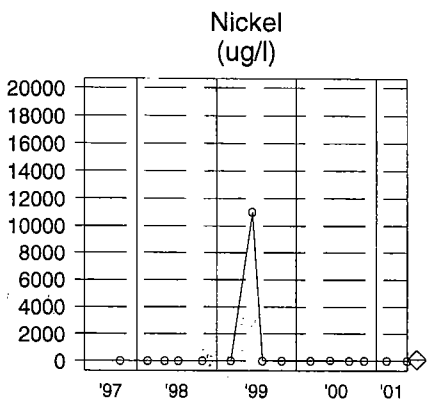

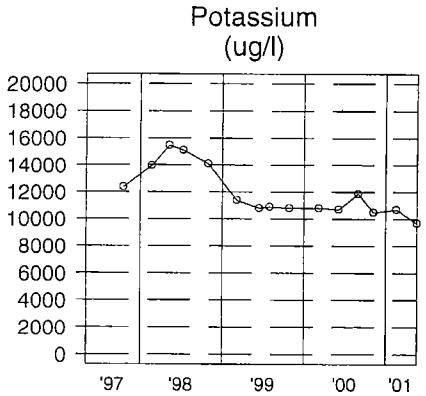

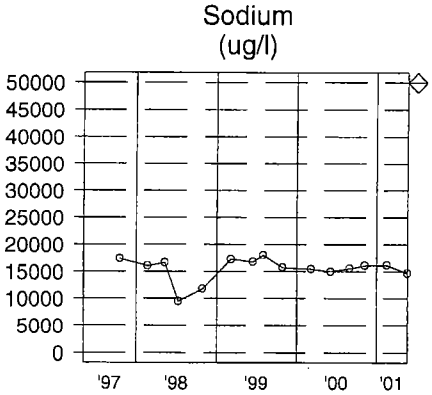

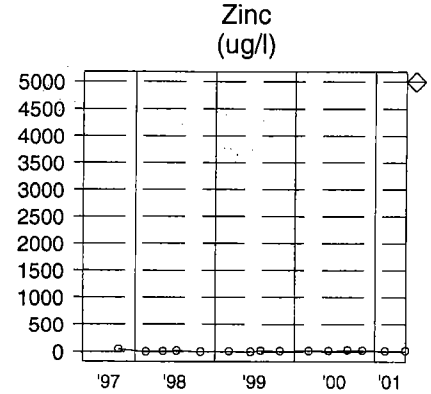

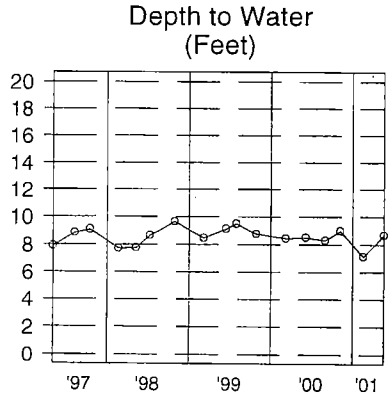

SOURCE: 00M3MW05

Sampling Dates:
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LEGEND:

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o = Date Sampled

NJDEP Criteria

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FORT MONMOUTH
SELFM-PW-EV

07-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	Chloro benzene	Benzene	Di-n-butyl phthalate	Aluminum	Iron	Manganese	Lead	Silver	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	1	900	200	300	50	10	20	-
05/01/1997	FMETL	ND	ND	5.35	60	70	10500	320	ND	14	V,S,P,M
08/07/1997	FMETL	ND	2.65	ND	ND	61	31020	565	1.4	ND	V,S,P,M
10/16/1997	FMETL	ND	4.41	ND	ND	142	37600	623	8.0	ND	V,S,P,M
02/17/1998	FMETL	ND	ND	ND	35.8	113	10740	639	ND	ND	V,S,P,M
05/05/1998	FMETL	ND	ND	0.94	ND	49	6992	362	ND	ND	V,S,P,M
07/07/1998	FMETL	ND	2.65	3.10	ND	92.2	20900	555	ND	ND	V,S,P,M
10/27/1998	FMETL	ND	5.34	ND	ND	166	26800	449	ND	ND	V,S,P,M
03/01/1999	FMETL	ND	1.93	ND	ND	182	35500	1010	4.01	ND	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	ND	15.9	23500	687	ND	ND	V,S,P,M
07/27/1999	FMETL	ND	4.59	ND	ND	1480	43900	785	3.08	ND	V,S,P,M
10/26/1999	FMETL	ND	2.16	ND	ND	37.9	12900	711	ND	ND	V,S,P,M
03/02/2000	FMETL	ND	1.90	ND	ND	ND	20800	903	ND	ND	V,S,P,M
06/01/2000	FMETL	ND	2.05	1.44	ND	ND	22300	877	ND	ND	V,S,P,M
08/28/2000	FMETL	ND	3.18	ND	ND	141	19400	676	2.56	ND	V,S,P,M
11/07/2000	FMETL	6.55	2.52	ND	ND	ND	13600	534	ND	ND	V,S,P,M
02/14/2001	FMETL	ND	1.65	ND	ND	ND	13600	623	ND	ND	V,S,P,M
05/17/2001	FMETL	4.76	2.25	2.60	ND	16.9	12200	517	ND	ND	V,S,P,M

SOURCE: 00M3MW06

Sampling Dates:
05/01/1997 - 05/17/2001

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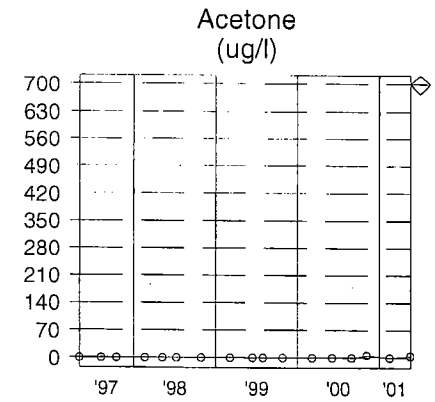

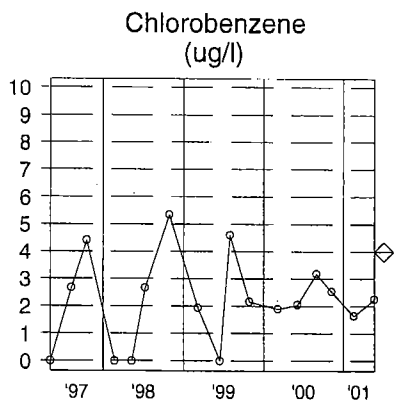

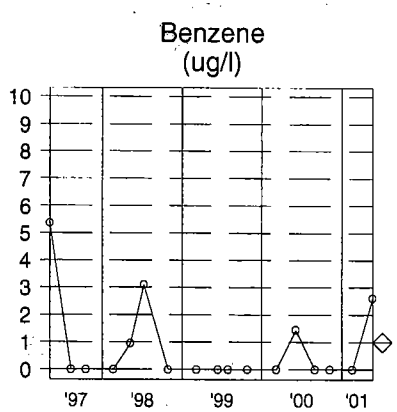

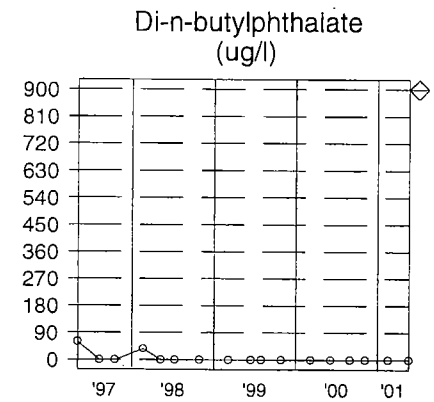

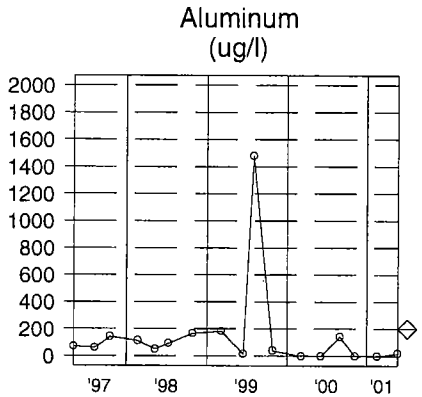

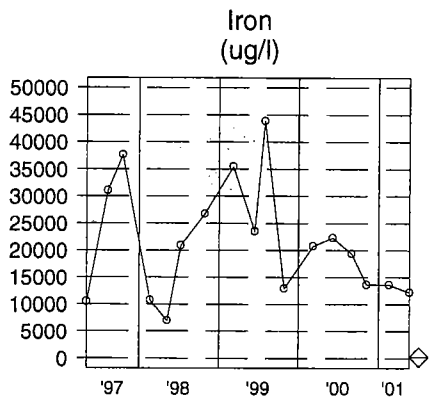

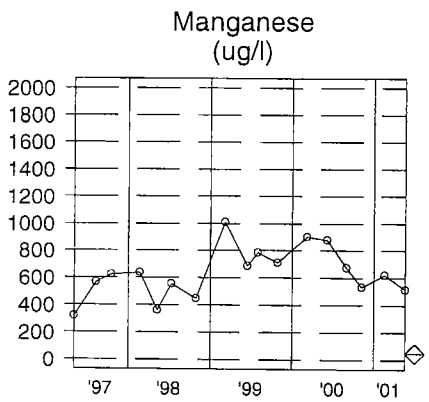

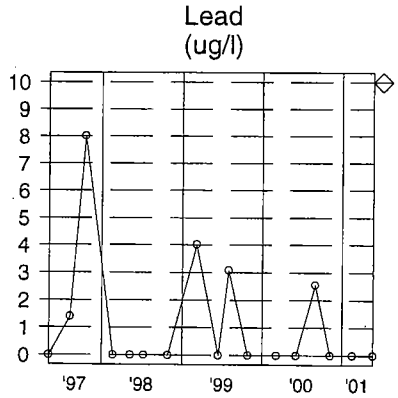

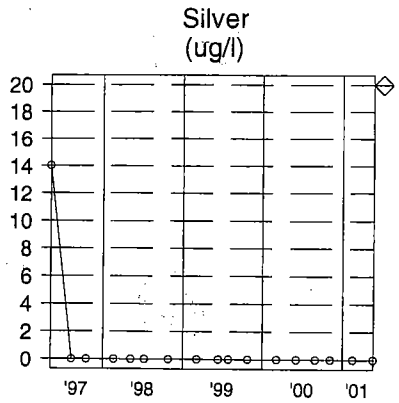

SOURCE: 00M3MW06

Sampling Dates:
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LEGEND:

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FORT MONMOUTH

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U.S.ARMY
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SELFM-PW-EV

07-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
05/01/1997	FMETL	-	-	-	-	-	-	-	-	8.00	V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	-	-	9.05	V,S,P,M
10/16/1997	FMETL	57.2	ND	69170	19300	2.3	8720	ND	68	9.30	V,S,P,M
02/17/1998	FMETL	66	ND	94830	22740	18	10450	40910	302	7.85	V,S,P,M
05/05/1998	FMETL	40	0.7	74040	16680	10	9163	25680	150	7.90	V,S,P,M
07/07/1998	FMETL	73.6	ND	126000	29200	0.579	12600	15100	40.5	8.60	V,S,P,M
10/27/1998	FMETL	29.7	ND	38600	12200	3.8	8430	18200	80	9.61	V,S,P,M
03/01/1999	FMETL	149	0.63	159000	33300	18.9	10800	26200	467	8.78	V,S,P,M
06/11/1999	FMETL	114	1.87	119000	28300	3.55	10700	21500	44.9	9.05	V,S,P,M
07/27/1999	FMETL	76.2	1.84	63900	19000	6.40	9810	25600	164	9.57	V,S,P,M
10/26/1999	FMETL	138	0.866	165000	34300	27.5	11900	37400	416	8.07	V,S,P,M
03/02/2000	FMETL	133	ND	184000	36700	10.4	10300	17600	177	8.30	V,S,P,M
06/01/2000	FMETL	153	ND	173000	38300	11.8	10600	15200	55.4	8.44	V,S,P,M
08/28/2000	FMETL	111	ND	124000	31200	ND	9570	24100	78.6	8.24	V,S,P,M
11/07/2000	FMETL	114	ND	115000	26600	ND	10600	23100	47.5	8.56	V,S,P,M
02/14/2001	FMETL	64.1	ND	107000	24199	7.15	7130	13800	203	8.09	V,S,P,M
05/17/2001	FMETL	56.1	ND	87100	22700	4.40	7320	14100	91.7	8.43	V,S,P,M

SOURCE: 00M3MW06

Sampling Dates:
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FORT MONMOUTH
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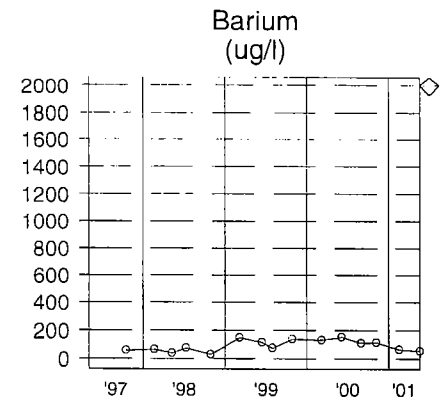

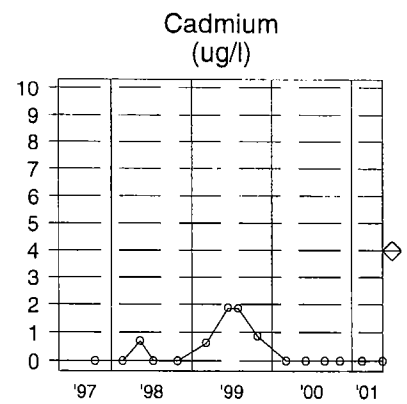

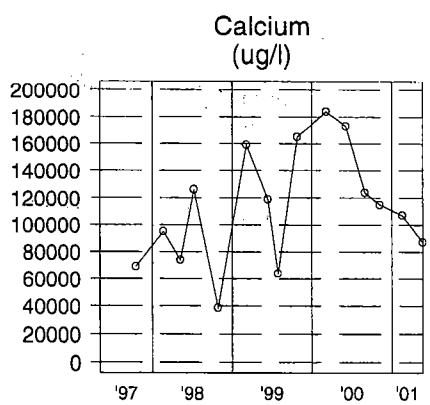

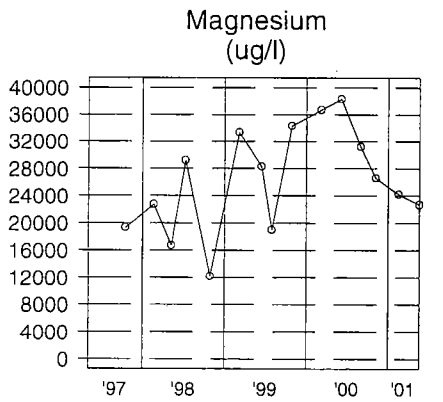

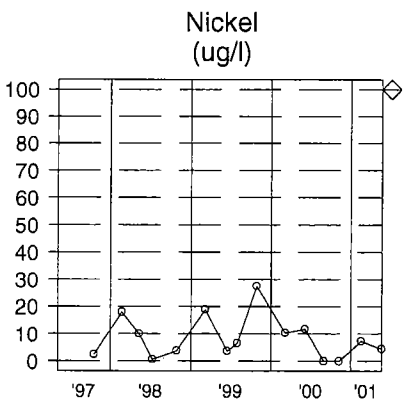

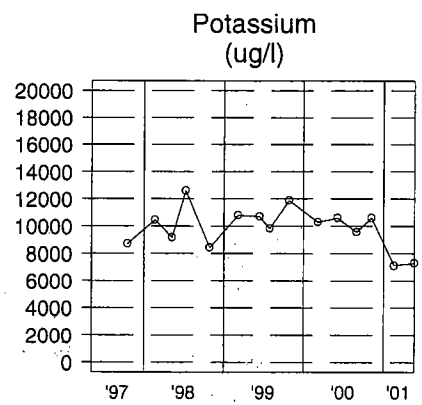

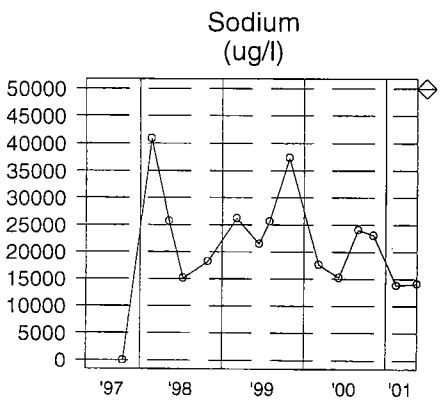

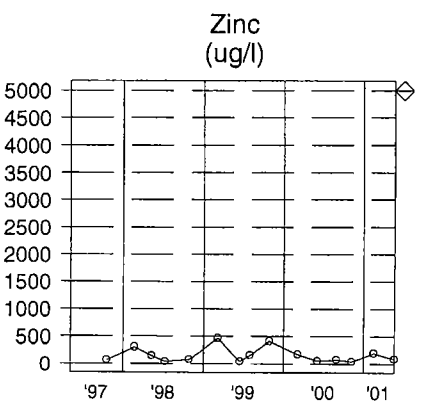

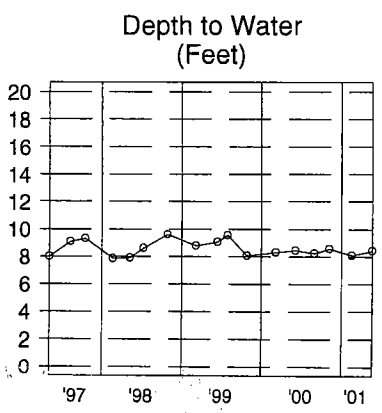

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Sampling Dates:
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LEGEND:

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o = Date Sampled

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FORT MONMOUTH

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SELFM-PW-EV

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	Lab	Acetone	2-Butanone	Vinyl chloride	csi-1,2-Dichloro ethene	Aluminum	Iron	Manganese	Lead	Silver	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	5	10	200	300	50	10	20	-
10/07/1998	FMETL	ND	399.25	ND	ND	4810	41900	710	23	ND	V,S,P,M
10/23/1998	FMETL	ND	ND	8.93	3.58	1820	56700	1200	6.23	ND	V,S,P,M
03/01/1999	FMETL	ND	ND	2.76	4.05	2350	78400	1080	13.7	ND	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	ND	2990	34500	823	8.33	ND	V,S,P,M
07/27/1999	FMETL	ND	ND	4.22	2.61	1480	36900	998	5.66	ND	V,S,P,M
10/26/1999	FMETL	ND	ND	ND	ND	2490	35100	1060	7.59	ND	V,S,P,M
03/02/2000	FMETL	ND	ND	ND	ND	3400	36600	817	8.94	ND	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	ND	362	17500	650	3.75	ND	V,S,P,M
08/28/2000	FMETL	ND	ND	ND	1.80	333	20500	949	1.25	ND	V,S,P,M
11/07/2000	FMETL	7.88	ND	17.64	15.81	745	21300	898	18.0	ND	V,S,P,M
11/07/2000D	FMETL	4.83	ND	17.69	15.47	685	21200	903	1.96	ND	V,S,P,M
02/14/2001	FMETL	ND	ND	4.22	3.75	67.6	17100	697	ND	ND	V,S,P,M
05/17/2001	FMETL	ND	ND	5.20	2.29	258	9680	811	7.12	4.44	V,S,P,M

SOURCE: 00M3MW07

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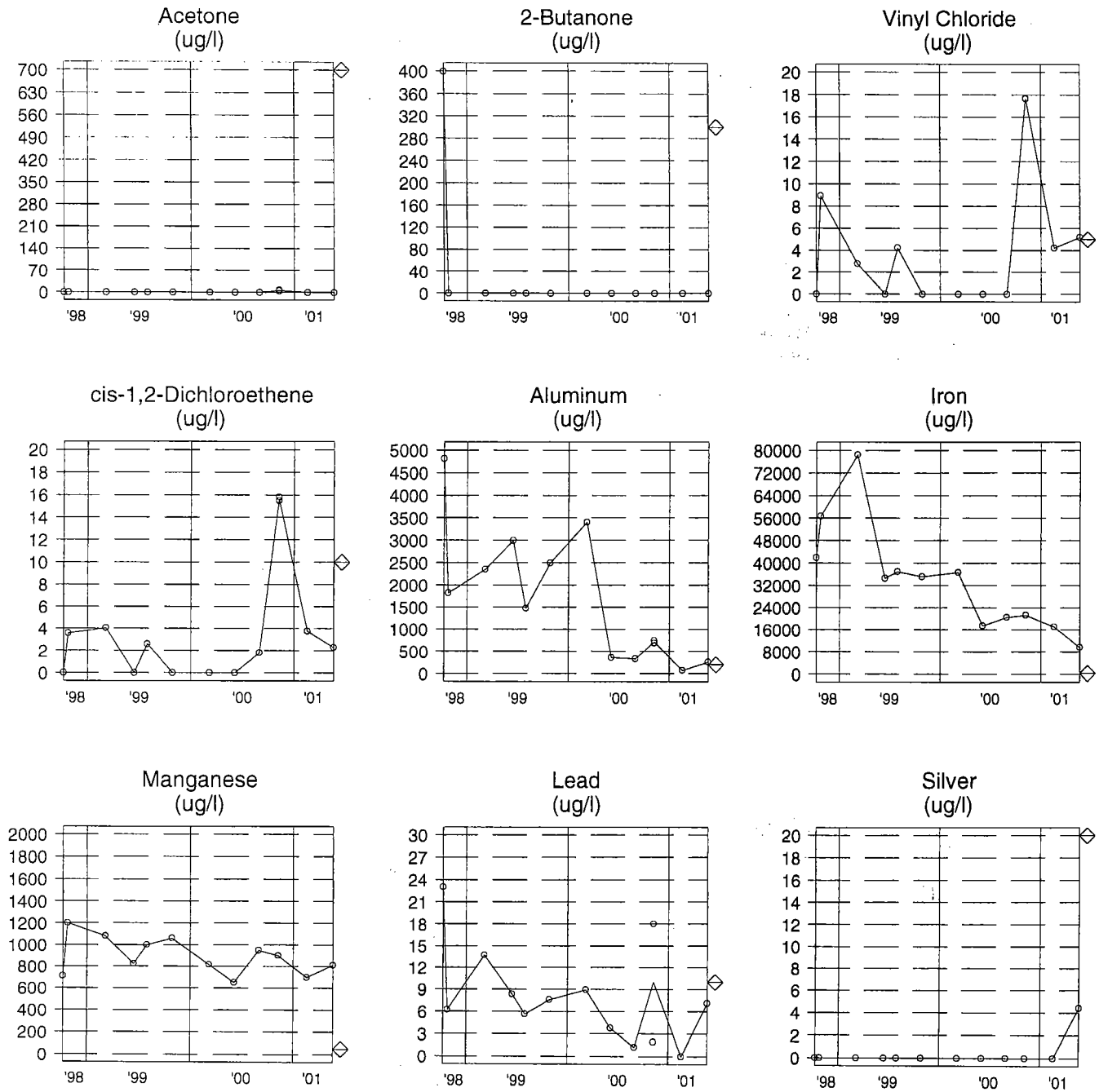

SOURCE: 00M3MW07

Sampling Dates:
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LEGEND:

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o = Date Sampled

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FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	20	2000	4	NLE	NLE	100	50000	5000	-	-
10/07/1998	FMETL	ND	126	ND	106000	91100	5.7	579000	125	9.67	V,S,P,M
10/23/1998	FMETL	ND	235	ND	204000	165000	1.32	1300000	28.1	10.46	V,S,P,M
03/01/1999	FMETL	3.96	516	2	251000	113000	5.98	858000	1090	8.72	V,S,P,M
06/11/1999	FMETL	ND	372	4.25	252000	101000	2.36	709000	571	9.47	V,S,P,M
07/27/1999	FMETL	ND	492	4.99	292000	156000	4.74	1050000	273	10.39	V,S,P,M
10/26/1999	FMETL	2.51	807	7.55	398000	261000	4.06	1800000	723	10.35	V,S,P,M
03/02/2000	FMETL	ND	580	2.58	271000	136000	8.92	1070000	817	9.56	V,S,P,M
06/01/2000	FMETL	3.55	280	1.38	210000	90300	8.86	630000	341	9.24	V,S,P,M
08/28/2000	FMETL	3.73	336	0.691	213000	116000	ND	1010000	222	9.17	V,S,P,M
11/07/2000	FMETL	ND	303	2.07	186000	101000	1.14	828000	571	9.61	V,S,P,M
11/07/2000D	FMETL	ND	302	1.55	192000	106000	ND	863000	348	9.61	V,S,P,M
02/14/2001	FMETL	ND	221	ND	164000	77700	ND	468000	89.3	10.03	V,S,P,M
05/17/2001	FMETL	3.17	135	1.68	149000	49900	1.46	254000	288	10.29	V,S,P,M

SOURCE: 00M3MW07

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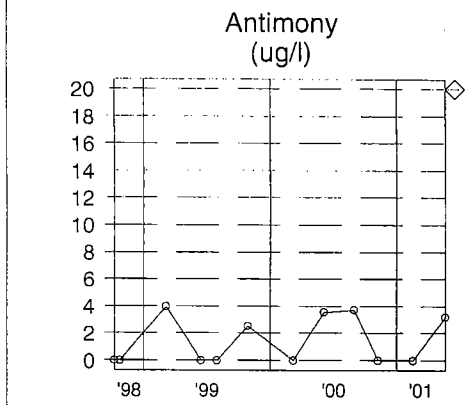

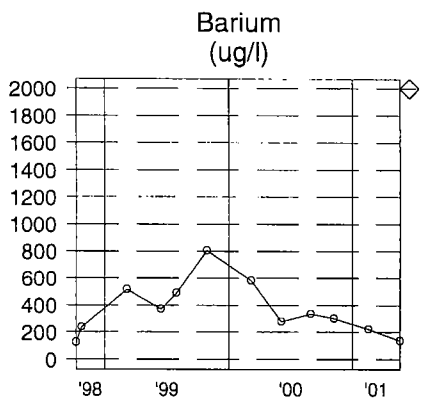

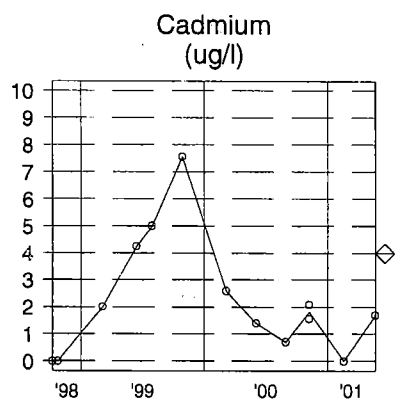

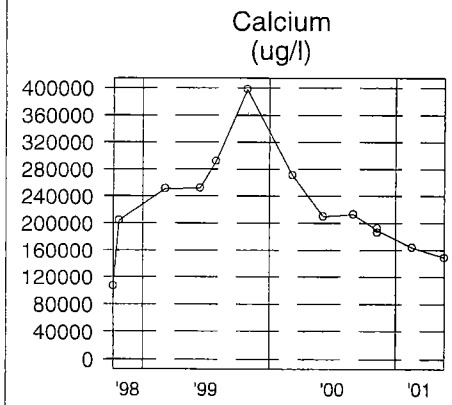

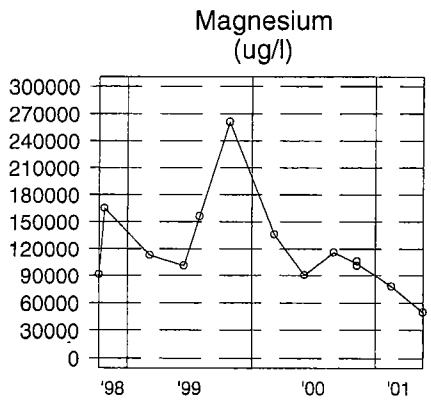

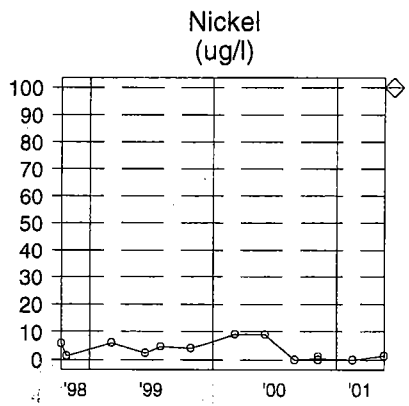

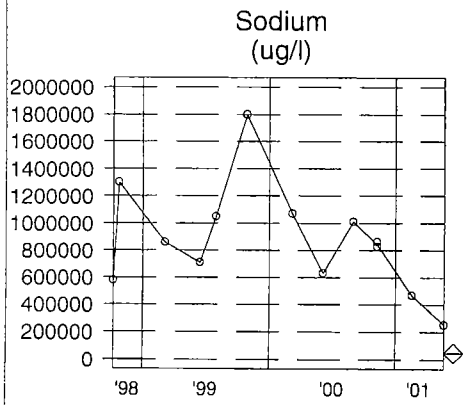

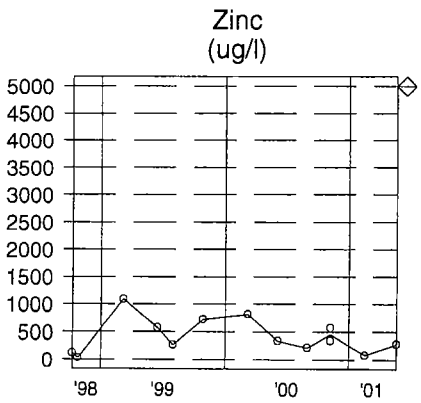

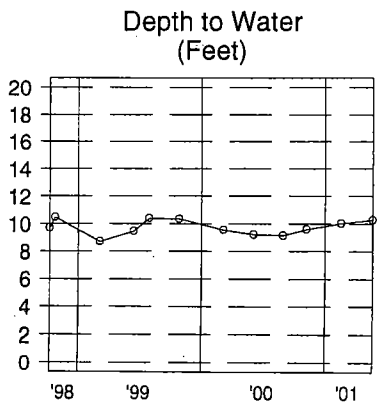

SOURCE: 00M3MW07

Sampling Dates:
10/07/1998 - 05/17/2001

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FORT MONMOUTH
SELFM-PW-EV

07-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	4,4'-DDD	Aluminum	Iron	Manganese	Lead	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	0.1	200	300	50	10	-
10/20/1998	FMETL	ND	1.01	6.34	ND	ND	235	55500	1100	5.12	V,S,P,M
11/02/1998	FMETL	8.5	1.37	5.43	ND	ND	7030	88700	511	19.7	V,S,P,M
03/01/1999	FMETL	ND	1.55	ND	ND	ND	852	54700	768	9.22	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	1.22	0.021	747	36600	645	2.53	V,S,P,M
07/27/1999	FMETL	ND	1.59	2.45	1.02	0.018	1530	44200	855	4.49	V,S,P,M
10/26/1999	FMETL	ND	1.66	ND	ND	ND	347	39400	1210	2.63	V,S,P,M
03/02/2000	FMETL	ND	1.44	ND	ND	ND	395	37100	527	ND	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	ND	ND	119	41700	575	5.57	V,S,P,M
08/28/2000	FMETL	ND	1.85	ND	ND	ND	173	45600	722	2.29	V,S,P,M
11/07/2000	FMETL	4.34	2.08	ND	ND	ND	276	54900	782	55.3	V,S,P,M
02/14/2001	FMETL	ND	ND	ND	ND	ND	138	62200	629	ND	V,S,P,M
05/17/2001	FMETL	ND	1.78	ND	ND	0.013	62.5	43500	616	2.57	V,S,P,M

SOURCE: 00M3MW08

Sampling Dates:
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FORT MONMOUTH

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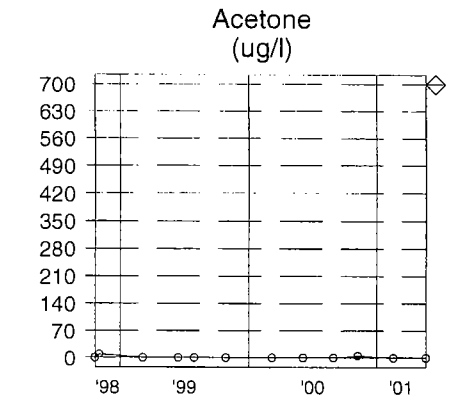
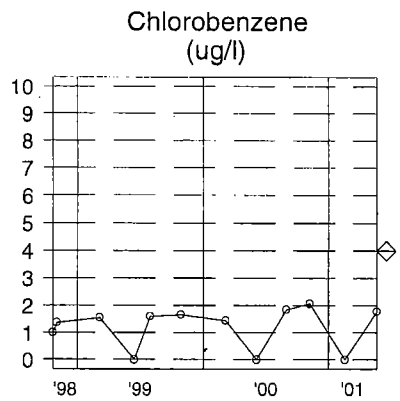
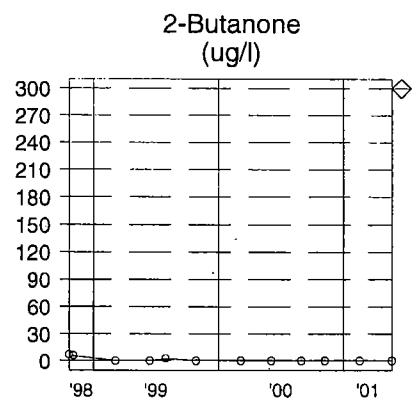
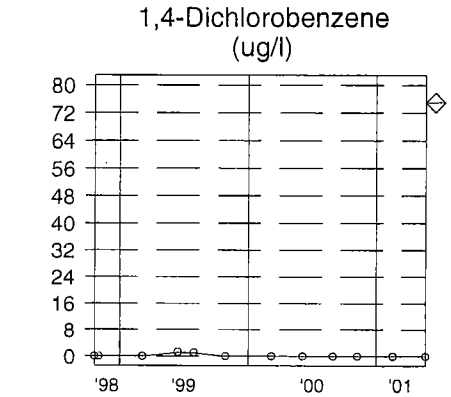
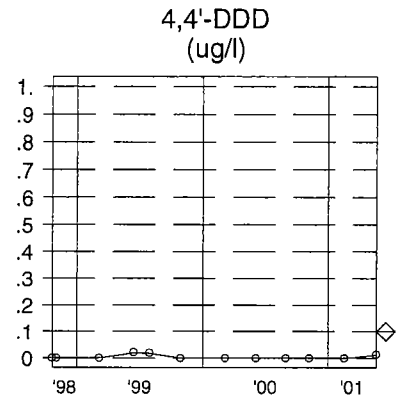
FORT MONMOUTH
SELFM-PW-EV

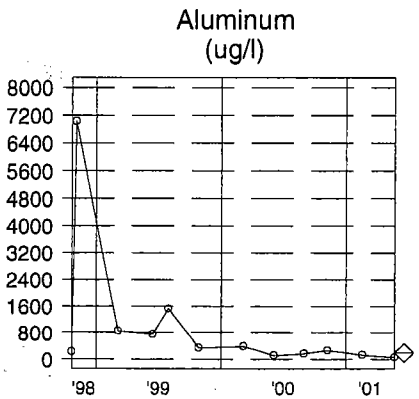


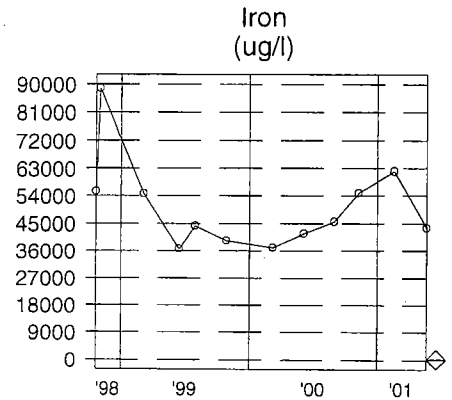


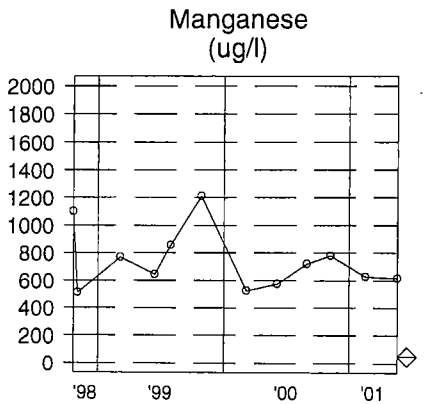


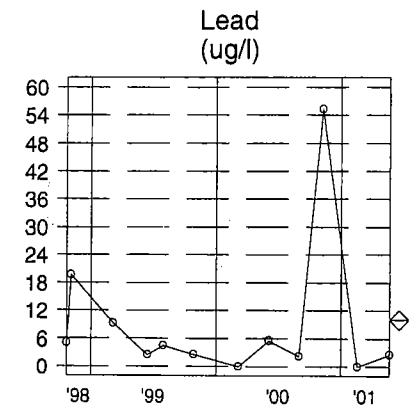












SOURCE: 00M3MW08

Sampling Dates:
10/20/1998 - 05/17/2001

LEGEND:

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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FORT MONMOUTH
SELFM-PW-EV

07-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/20/1998	FMETL	429	ND	132000	37600	8.49	25900	168000	220	7.16	V,S,P,M
11/02/1998	FMETL	749	ND	115000	19000	6.98	24400	12100	107	7.16	V,S,P,M
03/01/1999	FMETL	271	ND	105000	24700	2.98	8910	118000	143	5.71	V,S,P,M
06/11/1999	FMETL	249	1.28	88600	16900	ND	7740	60100	61.6	6.50	V,S,P,M
07/27/1999	FMETL	404	0.95	122000	29000	2.90	11500	149000	91.8	6.93	V,S,P,M
10/26/1999	FMETL	559	0.897	214000	81000	2.25	22400	593000	30.3	7.60	V,S,P,M
03/02/2000	FMETL	274	ND	87400	27400	5.3	9300	174000	54.7	6.23	V,S,P,M
06/01/2000	FMETL	233	ND	81300	19300	11.1	6610	69800	61.4	5.97	V,S,P,M
08/28/2000	FMETL	352	ND	100000	19200	ND	7830	63200	35.7	5.65	V,S,P,M
11/07/2000	FMETL	413	ND	101000	17700	7.62	7280	36900	541	6.17	V,S,P,M
02/14/2001	FMETL	380	ND	72600	16500	ND	5900	32500	25.8	5.62	V,S,P,M
05/17/2001	FMETL	287	2.66	70400	10900	ND	4710	15600	23.8	6.00	V,S,P,M

SOURCE: 00M3MW08

Sampling Dates:
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FORT MONMOUTH

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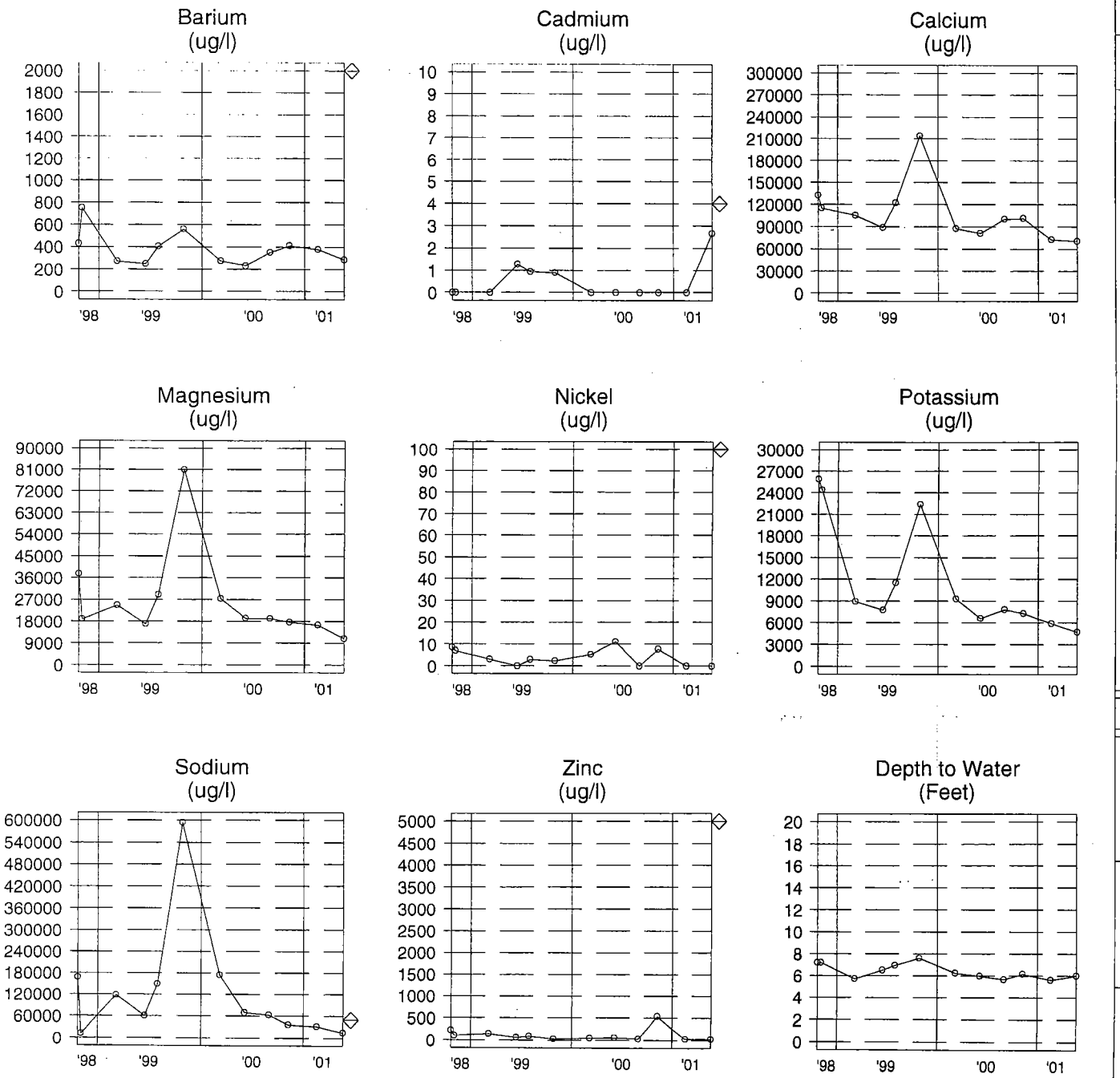
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M3MW08

Sampling Dates:
10/20/1998 - 05/17/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 5 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	Chloro benzene	Benzene	4,4'-DDE	4,4'-DDT	4,4'-DDD	Aluminum	Iron	Manganese	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	1	0.1	0.1	0.1	200	300	50	-
10/07/1998	FMETL	4.66	16.36	1.18	0.104	0.432	0.713	1040	17400	90.9	V,S,P,M
10/23/1998	FMETL	ND	17.33	1.33	0.02	0.038	0.132	1380	73900	476	V,S,P,M
03/01/1999	FMETL	ND	14.25	ND	0.026	0.023	0.167	337	60400	1740	V,S,P,M
06/11/1999	FMETL	ND	10.22	ND	ND	ND	0.057	741	64100	595	V,S,P,M
07/27/1999	FMETL	ND	11.69	ND	ND	0.041	0.108	ND	31.1	2.12	V,S,P,M
10/26/1999	FMETL	ND	17.37	1.25	ND	ND	ND	832	82100	534	V,S,P,M
03/02/2000	FMETL	ND	15.64	ND	0.021	0.062	0.134	603	69800	772	V,S,P,M
06/01/2000	FMETL	ND	15.39	ND	ND	ND	ND	202	70600	758	V,S,P,M
08/28/2000	FMETL	ND	20.54	ND	ND	ND	ND	257	66500	723	V,S,P,M
11/07/2000	FMETL	4.22	16.01	ND	ND	ND	ND	195	61700	666	V,S,P,M
02/14/2001	FMETL	ND	14.74	ND	ND	ND	ND	73.4	62400	974	V,S,P,M
05/17/2001	FMETL	ND	15.66	ND	ND	ND	ND	97.0	59500	694	V,S,P,M

SOURCE: 00M3MW09

Sampling Dates:
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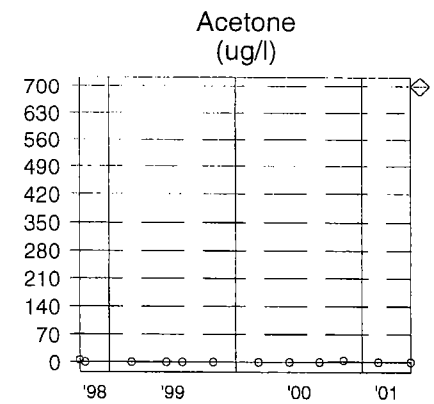
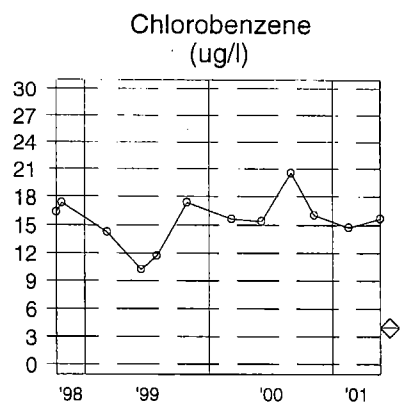
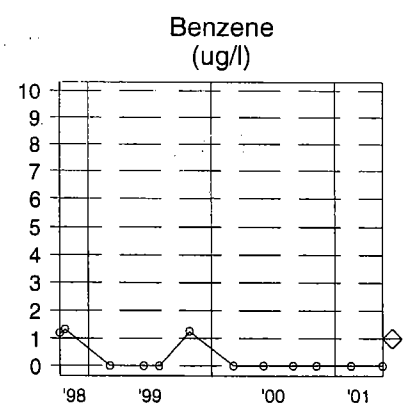
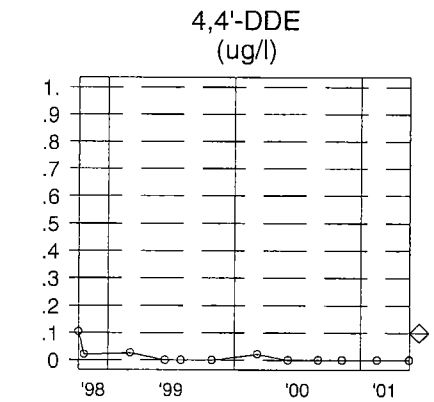
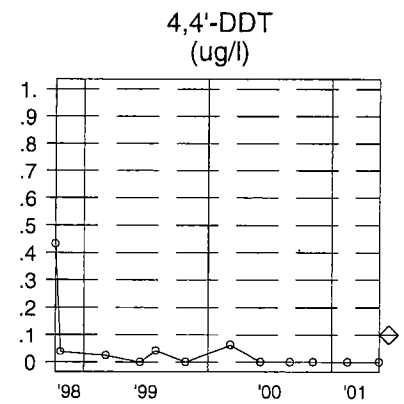
SELFM-PW-EV

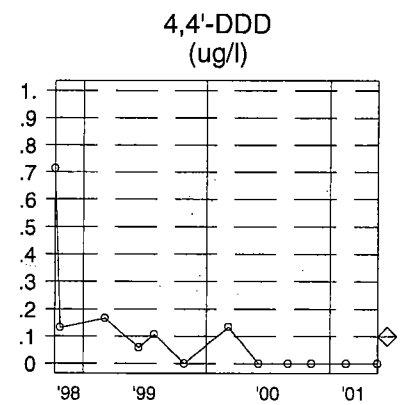


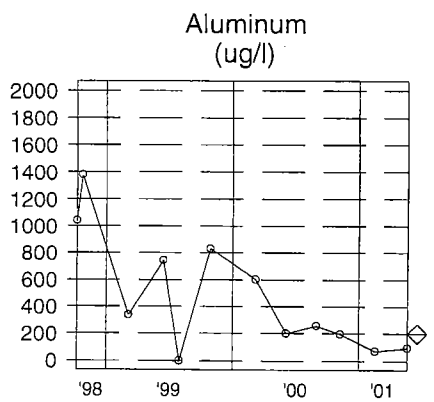


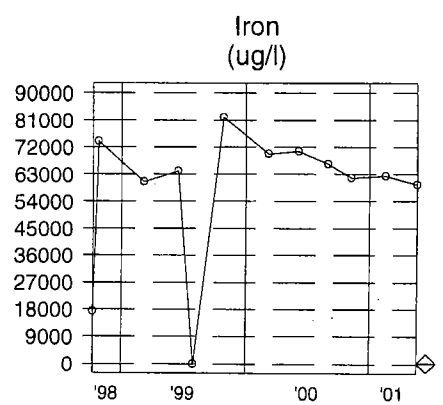


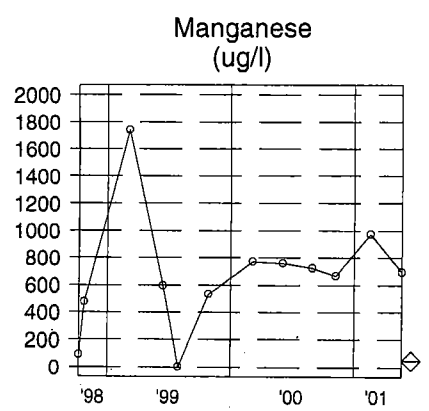












SOURCE: 00M3MW09

Sampling Dates:
10/07/1998 - 05/17/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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FORT MONMOUTH
SELFM-PW-EV

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	Lab	Lead	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	10	4	NLE	NLE	100	NLE	50000	5000	-	-
10/07/1998	FMETL	ND	ND	31200	2520	ND	9390	2720	25	11.48	V,S,P,M
10/23/1998	FMETL	32.7	ND	62600	12900	3.14	13100	12100	60.6	11.74	V,S,P,M
03/01/1999	FMETL	8.46	1.26	82400	19800	22.9	13600	46900	1150	10.75	V,S,P,M
06/11/1999	FMETL	10.6	1.85	65400	13300	ND	9910	16300	109	11.37	V,S,P,M
07/27/1999	FMETL	ND	ND	244	54.5	1.15	292	575	7.07	11.52	V,S,P,M
10/26/1999	FMETL	9.02	3.58	66700	14000	8.89	10900	27500	212	11.34	V,S,P,M
03/02/2000	FMETL	2.32	ND	72700	16100	1.17	9870	17300	84.6	11.23	V,S,P,M
06/01/2000	FMETL	4.60	ND	73800	15900	9.28	9480	23200	70.8	11.05	V,S,P,M
08/28/2000	FMETL	4.72	ND	71400	15100	ND	10300	14600	50.1	10.73	V,S,P,M
11/07/2000	FMETL	ND	ND	67900	14300	ND	10200	13400	46.9	11.29	V,S,P,M
02/14/2001	FMETL	ND	ND	68800	15500	ND	8840	12100	21.6	11.02	V,S,P,M
05/17/2001	FMETL	2.93	3.77	59300	12200	ND	8030	13000	52.5	11.11	V,S,P,M

SOURCE: 00M3MW09

Sampling Dates:
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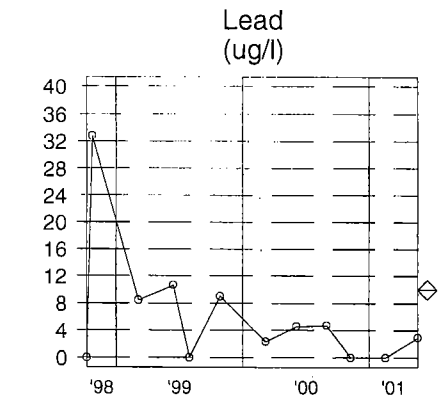
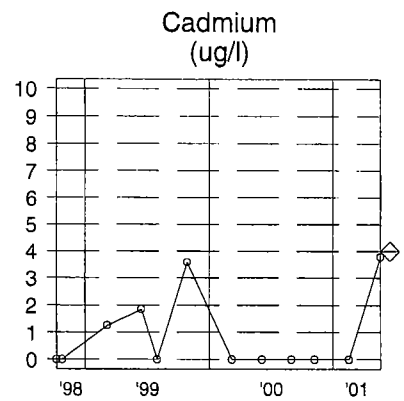
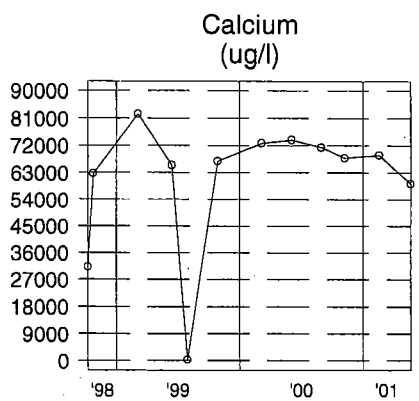
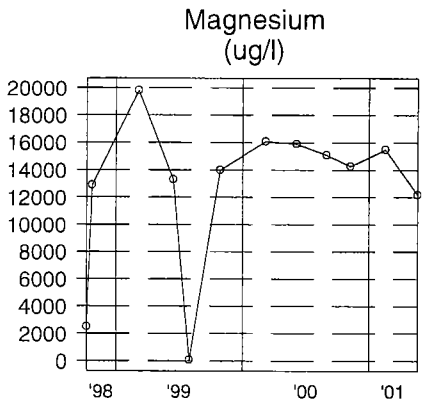
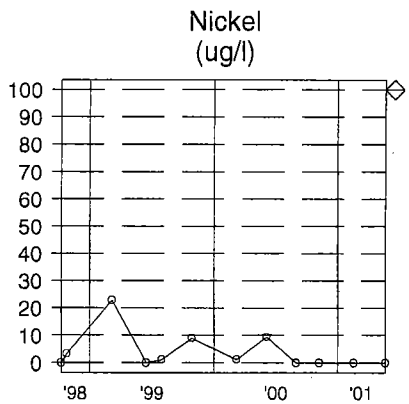
SELFM-PW-EV

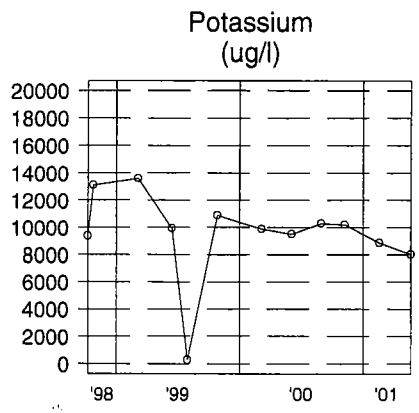


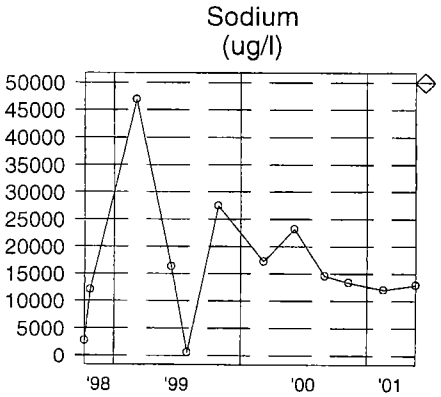


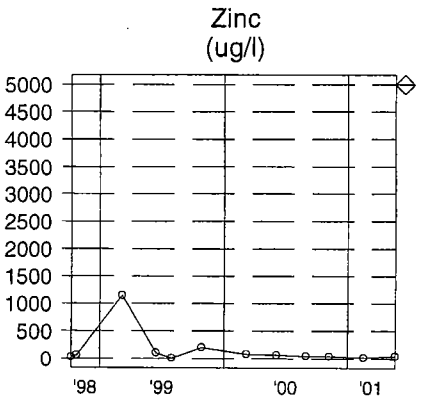


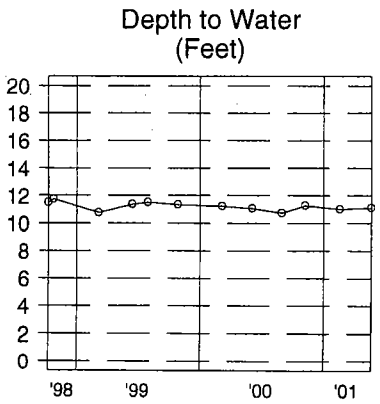












SOURCE: 00M3MW09

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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FORT MONMOUTH
SELFM-PW-EV

07-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	2-Methyl naphtha lene	Acenaph thene	Fluorene	bis(2-Ethyl hexyl) phthalate	Aluminum	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	NLE	400	300	30	200	-
10/20/1998	FMETL	7.87	17.07	5.16	1.78	ND	ND	ND	ND	1960	V,S,P,M
11/02/1998	FMETL	6.94	19.19	ND	2.05	ND	ND	ND	ND	1570	V,S,P,M
03/01/1999	FMETL	ND	20.08	ND	1.79	ND	2.55	ND	ND	1540	V,S,P,M
06/11/1999	FMETL	ND	16.27	14.14	ND	ND	1.25	ND	ND	1180	V,S,P,M
07/27/1999	FMETL	3.59	15.90	4.57	1.99	ND	1.23	ND	ND	317	V,S,P,M
10/26/1999	FMETL	ND	19.56	ND	2.13	ND	1.78	1.33	ND	268	V,S,P,M
03/02/2000	FMETL	ND	15.34	ND	1.89	ND	1.18	1.04	2.06	2330	V,S,P,M
06/01/2000	FMETL	ND	11.80	ND	1.45	ND	1.40	1.02	2.15	187	V,S,P,M
08/28/2000	FMETL	ND	18.05	ND	1.62	ND	1.97	1.43	2.66	910	V,S,P,M
11/07/2000	FMETL	7.00	18.59	ND	1.38	ND	1.81	1.19	1.60	397	V,S,P,M
02/14/2001	FMETL	ND	13.84	ND	ND	ND	1.03	ND	ND	97.0	V,S,P,M
05/17/2001	FMETL	10.05	15.98	ND	1.22	1.33	1.24	ND	1.36	827	V,S,P,M

SOURCE: 00M3MW10

Sampling Dates:
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U.S.ARMY
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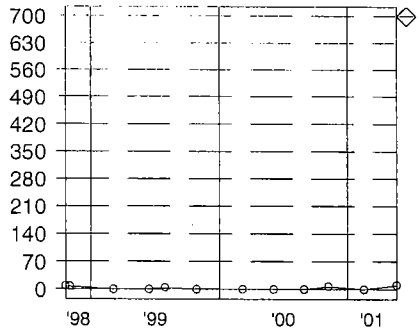
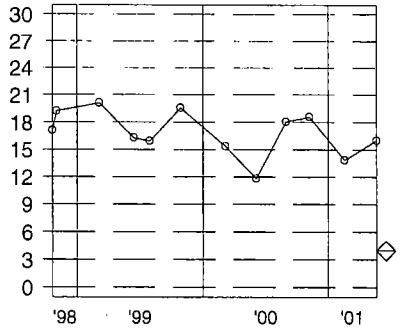
SELFM-PW-EV

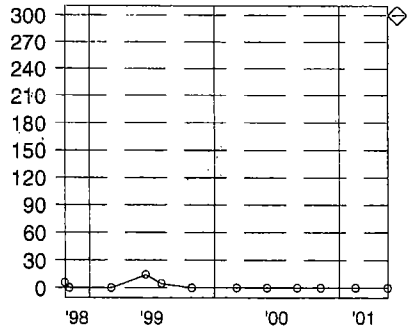
Acetone
(ug/l)



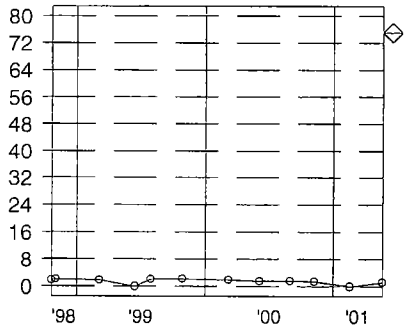
Chlorobenzene
(ug/l)



2-Butanone
(ug/l)



1,4-Dichlorobenzene
(ug/l)



2-methylnaphthalene
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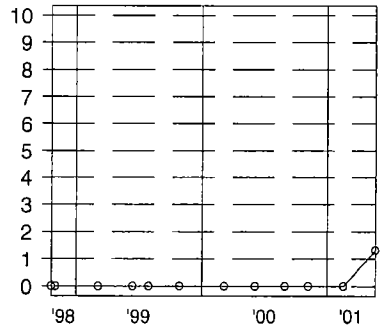

Acenaphthene
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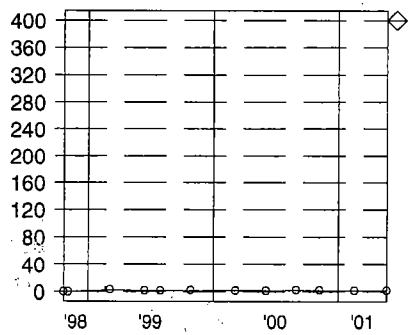
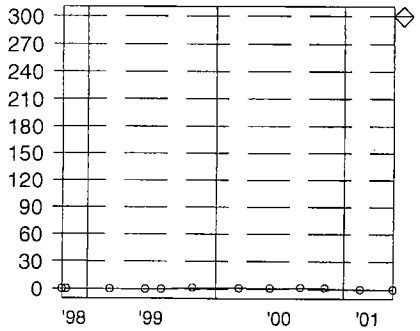


Fluorene
(ug/l)



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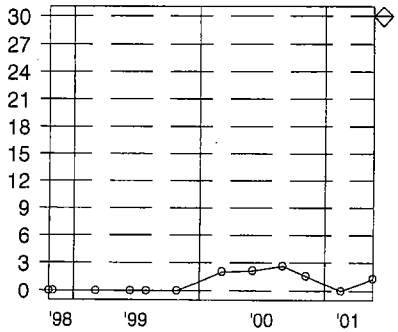
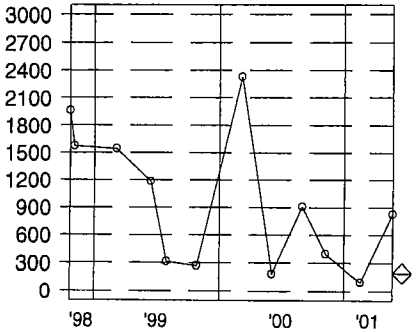
(ug/l)



Aluminum
(ug/l)



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	Lab	Iron	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	300	50	10	20	20	2000	4	NLE	NLE	-
10/20/1998	FMETL	57400	405	9.95	ND	ND	561	ND	91700	14100	V,S,P,M
11/02/1998	FMETL	61300	993	9.2	ND	4.67	513	ND	139000	37100	V,S,P,M
03/01/1999	FMETL	103000	761	9.86	ND	2.79	947	ND	119000	19700	V,S,P,M
06/11/1999	FMETL	66100	708	2.58	ND	ND	592	ND	108000	17300	V,S,P,M
07/27/1999	FMETL	67700	866	7.30	ND	ND	345	1.58	66200	13900	V,S,P,M
10/26/1999	FMETL	62300	662	ND	ND	ND	635	ND	110000	17900	V,S,P,M
03/02/2000	FMETL	91200	682	ND	ND	ND	760	ND	95500	16200	V,S,P,M
06/01/2000	FMETL	62300	735	ND	ND	2.32	678	ND	109000	17300	V,S,P,M
08/28/2000	FMETL	64400	564	1.60	ND	ND	604	ND	104000	16200	V,S,P,M
11/07/2000	FMETL	64800	588	ND	ND	ND	689	ND	110000	16500	V,S,P,M
02/14/2001	FMETL	84400	630	ND	ND	ND	762	2.93	92600	14800	V,S,P,M
05/17/2001	FMETL	66700	553	4.31	4.00	ND	625	4.08	97500	15500	V,S,P,M

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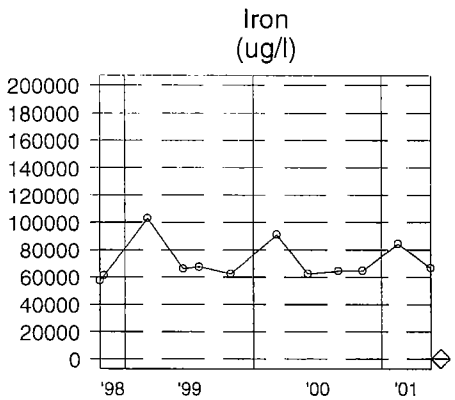

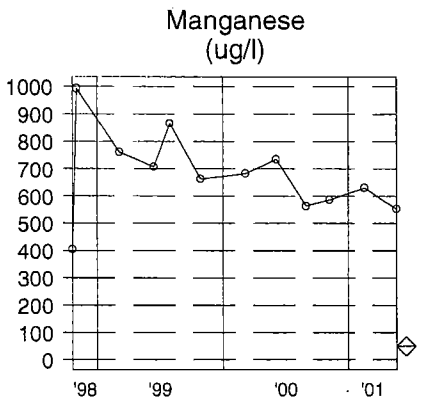

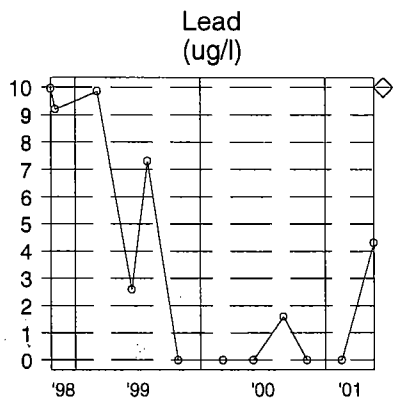

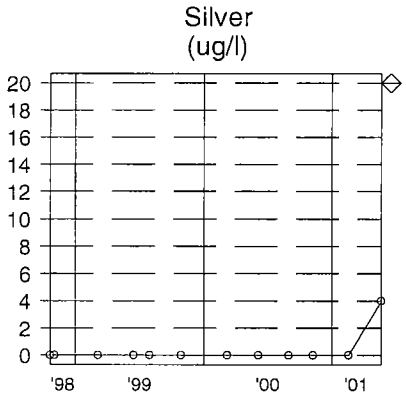

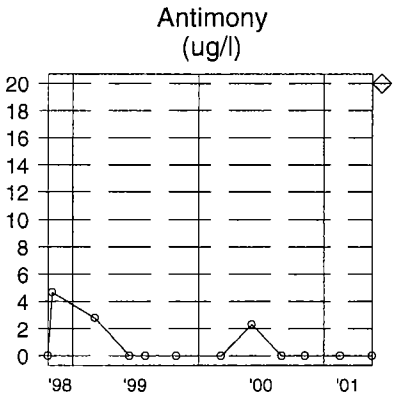

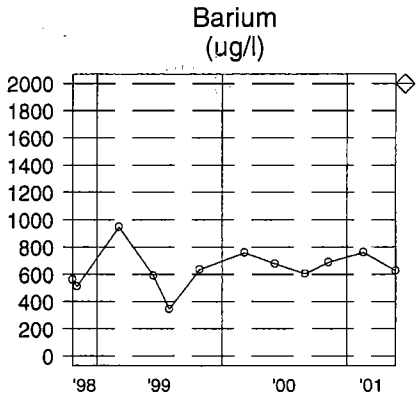

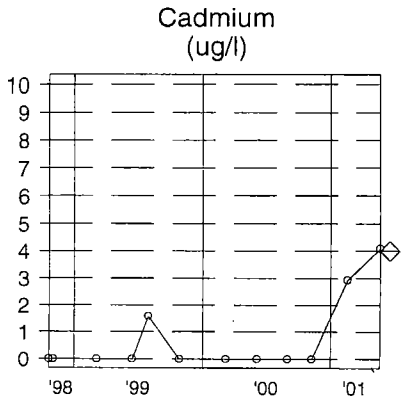

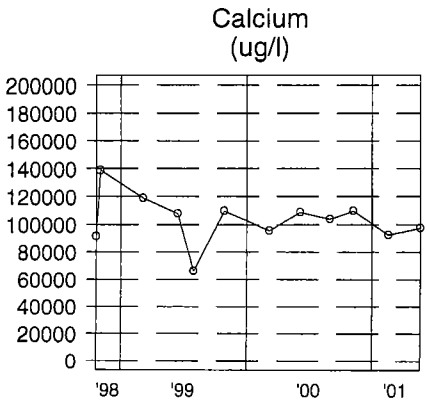

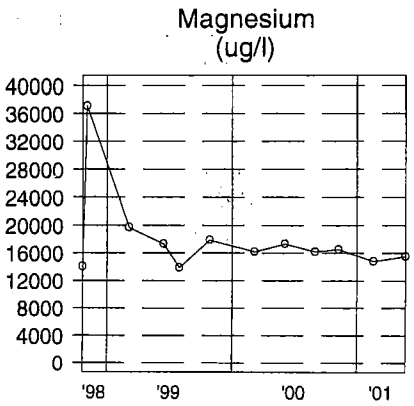

SOURCE: 00M3MW10

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	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
10/20/1998	FMETL	1.59	15000	15500	35.2	6.11					V,S,P,M
11/02/1998	FMETL	4.62	20600	154000	229	6.11					V,S,P,M
03/01/1999	FMETL	28	13500	16500	144	5.03					V,S,P,M
06/11/1999	FMETL	ND	12800	17300	28.8	5.76					V,S,P,M
07/27/1999	FMETL	5.49	11900	24900	91.5	6.08					V,S,P,M
10/26/1999	FMETL	ND	12500	25600	8.12	5.61					V,S,P,M
03/02/2000	FMETL	1.62	10400	14400	83.8	5.30					V,S,P,M
06/01/2000	FMETL	11.6	10300	14400	19.3	5.53					V,S,P,M
08/28/2000	FMETL	ND	11700	16200	42.2	5.31					V,S,P,M
11/07/2000	FMETL	ND	11400	16400	23.5	5.85					V,S,P,M
02/14/2001	FMETL	ND	8440	12300	21.9	5.18					V,S,P,M
05/17/2001	FMETL	1.92	9390	13900	33.1	5.53					V,S,P,M

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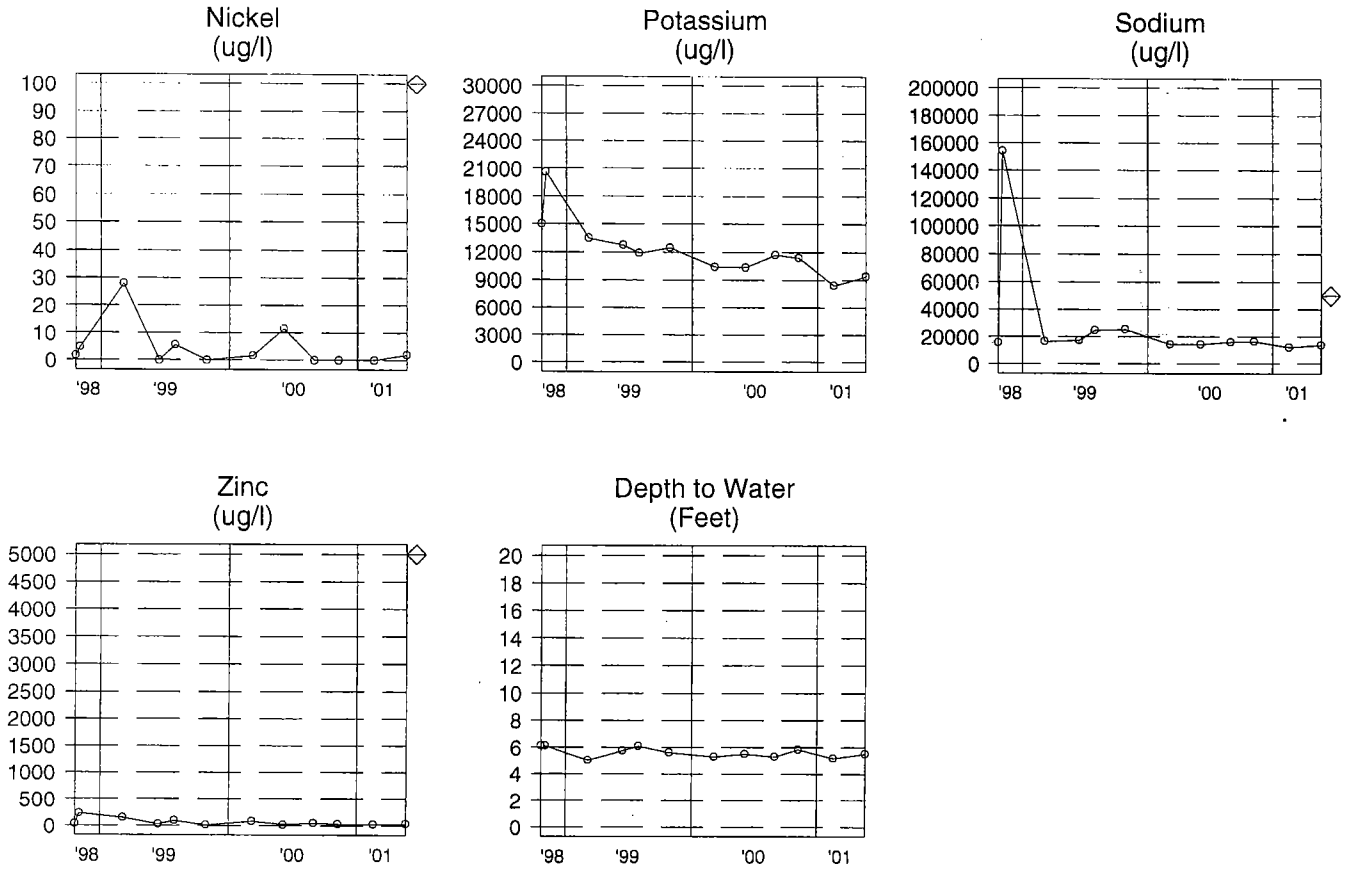

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	Lab	Acetone	Chloro benzene	1,4-Di chloro benzene	Acenaph thene	Fluorene	bis(2-Ethyl hexyl) phthalate	4,4'-DDD	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	75	400	300	30	0.1	200	300	-
10/07/1998	FMETL	8.14	5.03	2.46	ND	ND	ND	0.04	3480	62200	V,S,P,M
10/23/1998	FMETL	ND	5.56	2.6	ND	ND	ND	ND	500	49900	V,S,P,M
03/02/1999	FMETL	ND	2.66	ND	ND	ND	ND	ND	6840	73200	V,S,P,M
06/11/1999	FMETL	ND	5.44	1.57	1.14	1.18	ND	0.079	7620	82400	V,S,P,M
07/27/1999	FMETL	ND	5.60	2.99	1.21	1.19	ND	0.044	7580	77800	V,S,P,M
10/26/1999	FMETL	ND	6.28	3.44	1.84	1.84	ND	ND	2750	65800	V,S,P,M
03/02/2000	FMETL	ND	3.26	1.40	ND	ND	ND	ND	1330	47300	V,S,P,M
06/01/2000	FMETL	ND	3.56	1.58	1.16	1.01	ND	ND	2160	64800	V,S,P,M
06/01/2000D	FMETL	ND	3.50	ND	1.32	1.14	ND	ND	1370	59300	V,S,P,M
08/28/2000	FMETL	ND	3.27	1.17	1.16	1.12	1.9	ND	1250	50600	V,S,P,M
11/07/2000	FMETL	ND	5.65	2.87	1.44	1.32	1.39	ND	1380	63600	V,S,P,M
02/14/2001	FMETL	ND	1.64	ND	ND	ND	ND	ND	289	43300	V,S,P,M
05/17/2001	FMETL	4.52	3.97	1.31	ND	ND	ND	0.024	858	48500	V,S,P,M

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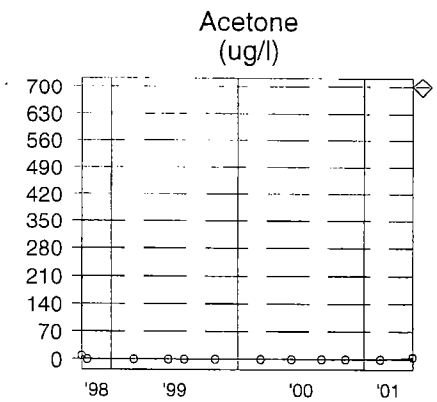

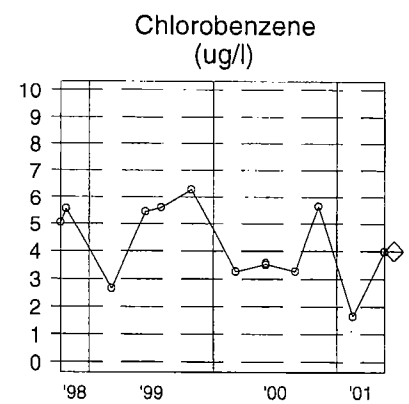

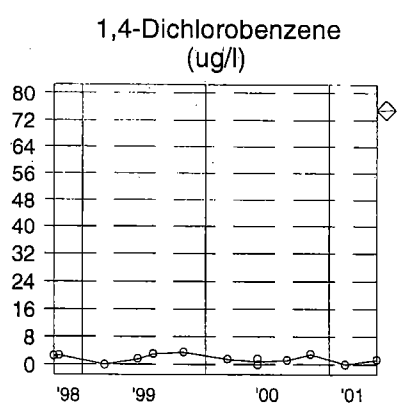

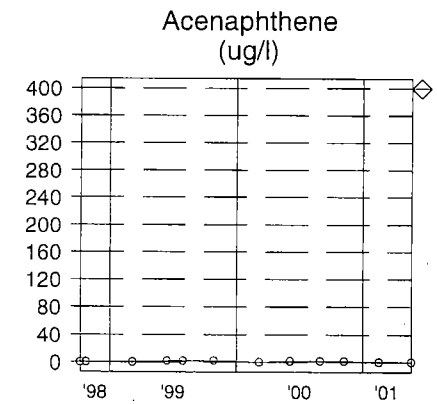

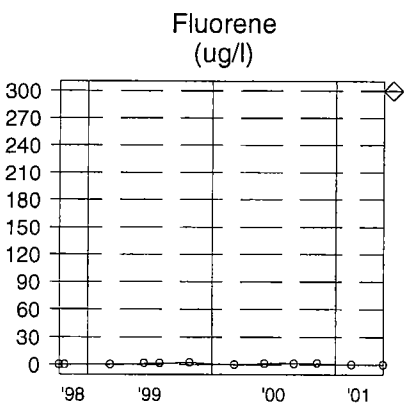

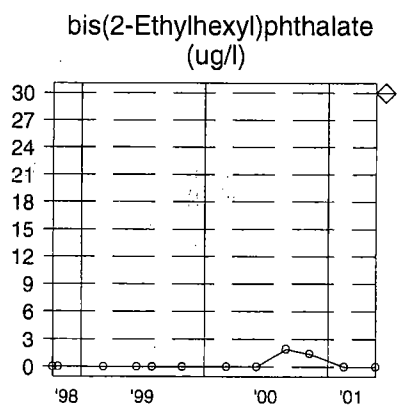

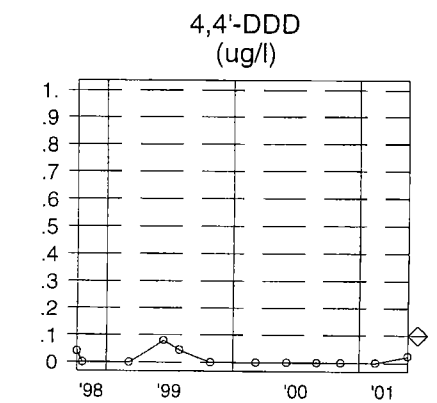

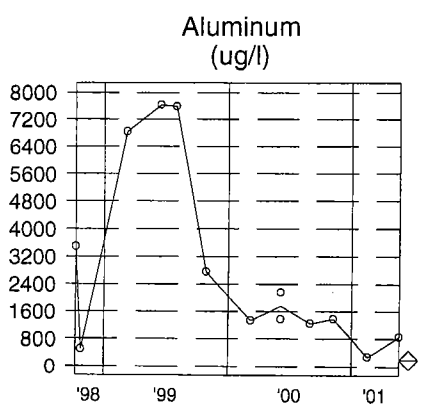

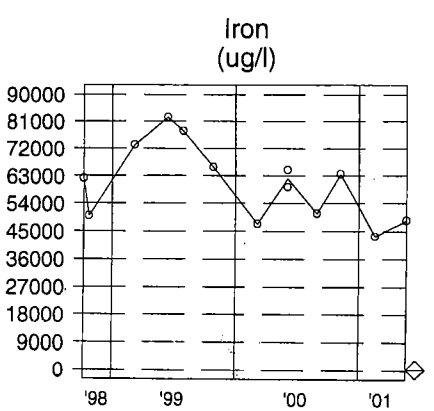

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	Lab	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	20	2000	4	NLE	NLE	100	-
10/07/1998	FMETL	588	11	ND	ND	393	1.2	116000	10300	29	V,S,P,M
10/23/1998	FMETL	549	3.83	ND	2.52	341	ND	108000	9020	6.2	V,S,P,M
03/02/1999	FMETL	1780	11.2	ND	4.45	279	12.3	185000	14500	263	V,S,P,M
06/11/1999	FMETL	956	15.2	ND	ND	529	47.3	108000	10200	79.8	V,S,P,M
07/27/1999	FMETL	897	22.3	ND	ND	472	14.6	117000	11400	157	V,S,P,M
10/26/1999	FMETL	822	7.95	ND	ND	468	7.61	112000	9970	24.2	V,S,P,M
03/02/2000	FMETL	1020	ND	1.74	ND	287	15	151000	13000	359	V,S,P,M
06/01/2000	FMETL	1010	17.8	ND	2.68	436	19.1	133000	11300	104	V,S,P,M
06/01/2000D	FMETL	1020	6.21	ND	2.69	408	11.7	134000	11300	87.8	V,S,P,M
08/28/2000	FMETL	1890	4.17	3.56	ND	271	12.7	133000	11000	469	V,S,P,M
11/07/2000	FMETL	873	4.35	ND	ND	464	8.89	115000	10000	38.0	V,S,P,M
02/14/2001	FMETL	1400	ND	ND	ND	330	6.31	163000	13000	530	V,S,P,M
05/17/2001	FMETL	910	5.52	2.35	ND	263	6.91	99700	8600	116	V,S,P,M

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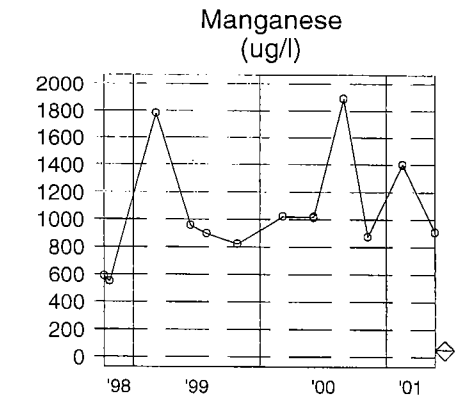

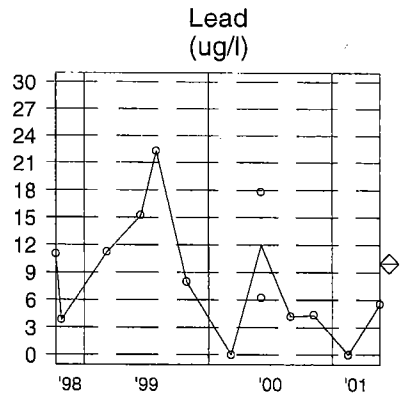

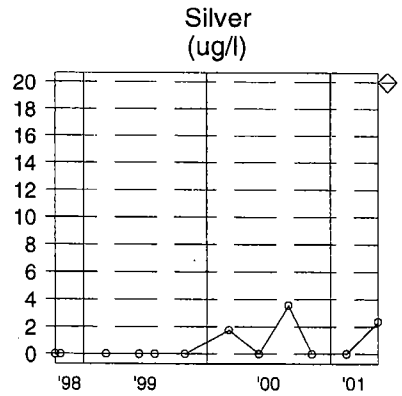

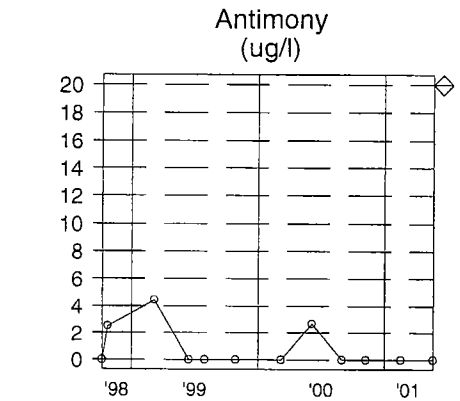

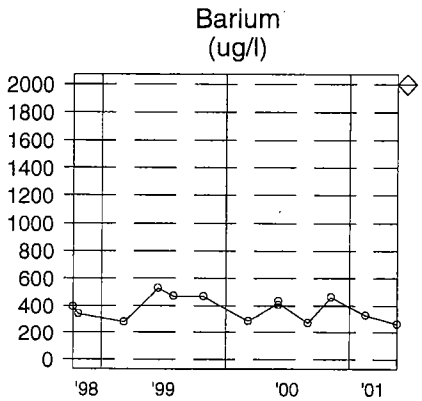

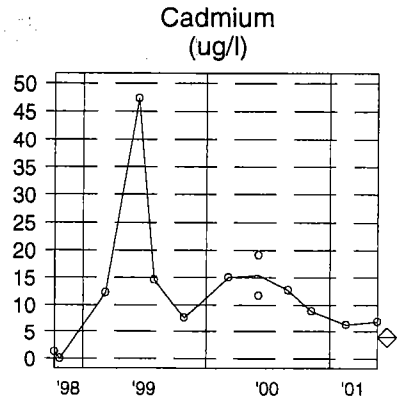

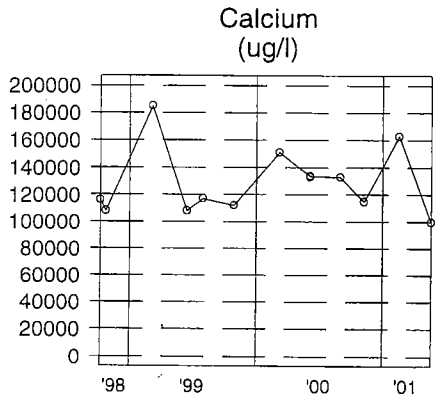

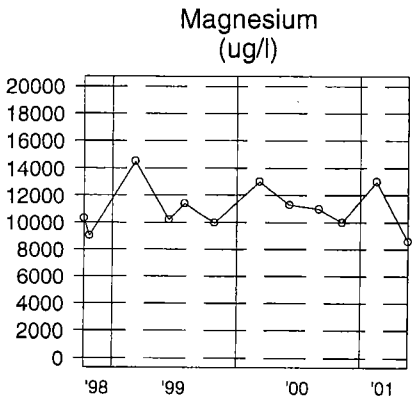

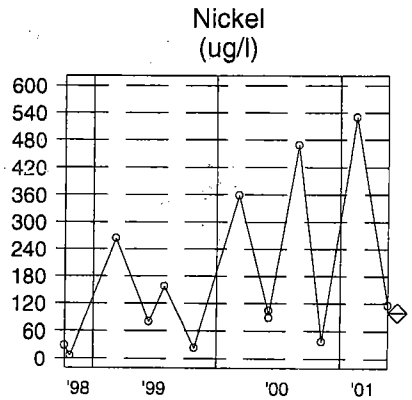

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	Lab	Potassium	Sodium	Zinc	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	NLE	50000	5000	-						-
10/07/1998	FMETL	12100	13600	435	8.56						V,S,P,M
10/23/1998	FMETL	8620	7180	98.2	8.63						V,S,P,M
03/02/1999	FMETL	8110	14800	3350	7.65						V,S,P,M
06/11/1999	FMETL	8430	10700	1850	8.27						V,S,P,M
07/27/1999	FMETL	9960	10900	2320	8.55						V,S,P,M
10/26/1999	FMETL	8450	11100	330	8.03						V,S,P,M
03/02/2000	FMETL	7320	13200	6050	7.72						V,S,P,M
06/01/2000	FMETL	6780	10200	1550	7.93						V,S,P,M
06/01/2000D	FMETL	6600	10600	1140	7.93						V,S,P,M
08/28/2000	FMETL	7090	11300	3850	8.73						V,S,P,M
11/07/2000	FMETL	7190	9290	1060	8.05						V,S,P,M
02/14/2001	FMETL	7190	20100	3140	7.25						V,S,P,M
05/17/2001	FMETL	5480	ND	1880	7.81						V,S,P,M

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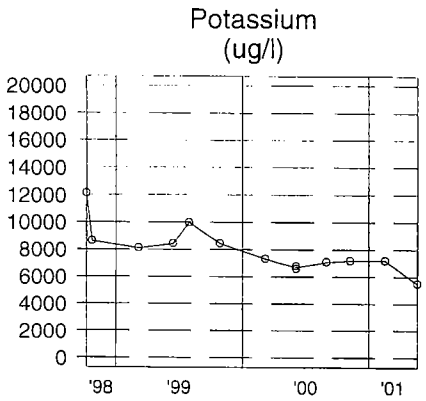
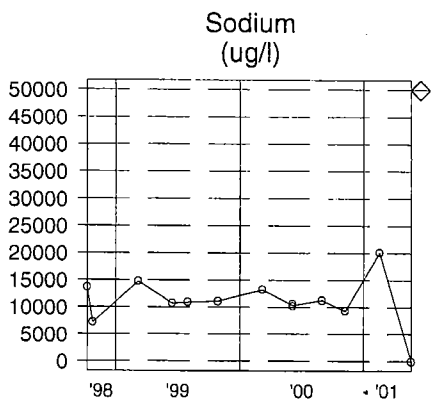
FORT MONMOUTH

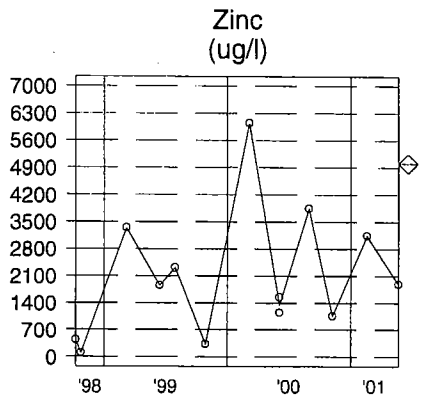
GW MONITORING
M-3

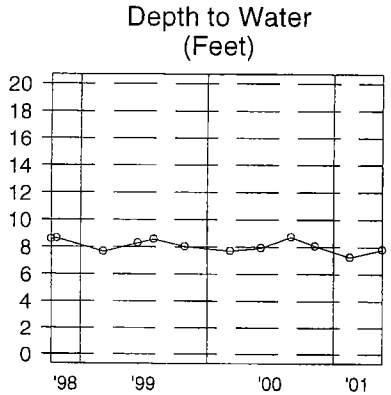
Source 8 of 8

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV









SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 05/17/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

07-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-3

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
1641404	00M3MW04	29-32568	09/06/01
1641405	00M3MW05	29-32569	09/06/01
1641406	00M3MW06	29-32570	09/06/01
1641407	00M3MW07	29-39173	09/06/01
1641408	00M3MW08	29-39174	09/06/01
1641409	00M3MW09	29-39175	09/06/01
1641410	00M3MW10	29-39176	09/06/01
1641411	00M3MW11	29-39145	09/06/01

NJDEP Laboratory Certification # 13461

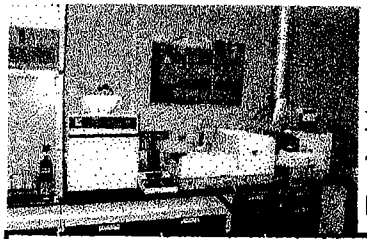
10-25-01

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 426223
(X)CERA ( )OMA ( )Other:_____

Project No:
Location: M3 wells
3rd Qtr '01

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters: VOC's, TAL metals, Pest/PCB, BNA's, Hexavalent Cr

Comments: HCL/HNO3/4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOC's	TAL metals	Pest/PCB	BNA's				Hex Cr	Remarks / Preservation Method
11044 01	Trip	9/6/01	0759	AQ	2	✓							—	
02	Field Blank		0800		5	✓	✓	✓	✓				—	
03	Dupe		—		6	✓	✓	✓	✓				—	
04	M3 mw04		1014		5	✓	✓	✓	✓				0.0	29-32568
05	M3 mw05		0959			✓	✓	✓	✓				0.0	29-32569
06	M3 mw06		0956			✓	✓	✓	✓				0.0	29-32570
07	M3 mw07		0923			✓	✓	✓	✓				0.0	29-39173
08	M3 mw08		1439			✓	✓	✓	✓				0.0	29-39174
09	M3 mw09		1404			✓	✓	✓	✓				0.0	29-39175
10	M3 mw10		1336			✓	✓	✓	✓				0.0	29-39176
11	M3 mw11		1058			✓	✓	✓	✓				0.0	29-39145

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	9/6/01 1505	[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, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: L->H

print legibly

Coc.xls8/15/01

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW04
NJDEP ID #: 29-32568
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 09/06/01
WEATHER: Sunny, warm.
TIDE: L-H

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 13.77 ft
DEPTH OF WELL: 25.11 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.34 ft
(11.34) X .65 X 3 =22.11
GALLONS OF H2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 0838
pH 5.71 su
DISSOLVED O2 5.87 ppm
TEMP 15.2 °C
SPECIFIC CONDUCTIVITY 476 us/cm

PURGE END TIME: 1013
pH 5.23 su
DISSOLVED O2 5.21 ppm
TEMP 14.9 °C
SPECIFIC CONDUCTIVITY 479 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 14.25 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 1014
pH 5.21 su
DISSOLVED O2 5.22 ppm
TEMP 14.9 °C
SPECIFIC CONDUCTIVITY 480 us/cm

SAMPLE END TIME: 1019

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW05
NJDEP ID #: 29-32569
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 09/06/01
WEATHER: Sunny, warm.
TIDE: L-H

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.32 ft
DEPTH OF WELL: 18.14 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.82 ft
(8.82) X .65 X 3 = 17.19
GALLONS OF H2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 0844
pH 6.77 su
TEMP 14.7 °C
DISSOLVED O2 5.29 ppm
SPECIFIC CONDUCTIVITY 560 us/cm

PURGE END TIME: 0958
pH 6.60 su
TEMP 13.9 °C
DISSOLVED O2 5.29 ppm
SPECIFIC CONDUCTIVITY 572 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 10.56 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 0959
pH 6.58 su
TEMP 13.9 °C
DISSOLVED O2 5.28 ppm
SPECIFIC CONDUCTIVITY 570 us/cm

SAMPLE END TIME: 1003

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW06
NJDEP ID #: 29-32570
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 09/06/01
WEATHER: Sunny, warm.
TIDE: L-H

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.25 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.92 ft
(7.92) X .65 X 3 =15.44
GALLONS OF H2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 0850
pH 6.39 su
DISSOLVED O2 5.89 ppm
TEMP 15.2 °C
SPECIFIC CONDUCTIVITY 571 us/cm

PURGE END TIME: 0955
pH 6.28 su
DISSOLVED O2 5.21 ppm
TEMP 14.7 °C
SPECIFIC CONDUCTIVITY 581 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 10.23 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 0956
pH 6.28 su
DISSOLVED O2 5.23 ppm
TEMP 14.7 °C
SPECIFIC CONDUCTIVITY 580 us/cm

SAMPLE END TIME: 0958

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW07
NJDEP ID #: 29-39173
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 09/06/01
WEATHER: Sunny, warm.
TIDE: L-H

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 10.45 ft
DEPTH OF WELL: 18.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.03 ft
(8.03) X .163 X 3 = 3.92
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 0905
pH 7.01 su
TEMP 14.2 °C
DISSOLVED O2 5.83 ppm
SPECIFIC CONDUCTIVITY 2.11 ms/cm

PURGE END TIME: 0922
pH 6.97 su
TEMP 13.3 °C
DISSOLVED O2 5.31 ppm
SPECIFIC CONDUCTIVITY 2.09 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 13.75 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 0923
pH 6.98 su
TEMP 13.4 °C
DISSOLVED O2 5.33 ppm
SPECIFIC CONDUCTIVITY 2.09 ms/cm

SAMPLE END TIME: 0927

COMMENTS: Slightly cloudy while bailing.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW08
NJDEP ID #: 29-39174
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 09/06/01
WEATHER: Sunny, warm.
TIDE: L-H

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.60 ft
DEPTH OF WELL: 15.23 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.63 ft
(8.63) X .163 X 3 = 4.22
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 1421
pH 6.61 su
DISSOLVED O2 5.66 ppm
TEMP 14.1 °C
SPECIFIC CONDUCTIVITY 632 us/cm

PURGE END TIME: 1438
pH 6.51 su
DISSOLVED O2 5.01 ppm
TEMP 13.7 °C
SPECIFIC CONDUCTIVITY 641 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 7.87 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 1439
pH 6.52 su
DISSOLVED O2 5.03 ppm
TEMP 13.7 °C
SPECIFIC CONDUCTIVITY 642 us/cm

SAMPLE END TIME: 1444

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW09
NJDEP ID #: 29-39175
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 09/06/01
WEATHER: Sunny, warm.
TIDE: L-H

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 11.38 ft
DEPTH OF WELL: 16.95 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 5.57 ft
(5.57) X .163 X 3 = 2.72
GALLONS OF H2O TO BE PURGED: 3 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 1350
pH 6.61 su
DISSOLVED O2 5.87 ppm
TEMP 14.2 °C
SPECIFIC CONDUCTIVITY 710 us/cm

PURGE END TIME: 1403
pH 6.59 su
DISSOLVED O2 5.21 ppm
TEMP 13.5 °C
SPECIFIC CONDUCTIVITY 713 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 11.63 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 3 gal

SAMPLE START TIME: 1404
pH 6.60 su
DISSOLVED O2 5.23 ppm
TEMP 13.4 °C
SPECIFIC CONDUCTIVITY 715 us/cm

SAMPLE END TIME: 1409

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW10
NJDEP ID #: 29-39176
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 09/06/01
WEATHER: Sunny, warm.
TIDE: L-H

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 8.10 ft
DEPTH OF WELL: 16.05 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 17.95 ft
(7.95) X .163 X 3 = 3.88
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 1318
pH 6.53 su
DISSOLVED O2 6.57 ppm
TEMP 13.8 °C
SPECIFIC CONDUCTIVITY 901 us/cm

PURGE END TIME: 1335
pH 6.57 su
DISSOLVED O2 5.29 ppm
TEMP 13.0 °C
SPECIFIC CONDUCTIVITY 917 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 9.45 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 1336
pH 6.55 su
DISSOLVED O2 5.31 ppm
TEMP 13.0 °C
SPECIFIC CONDUCTIVITY 918 us/cm

SAMPLE END TIME: 1340

COMMENTS: Cloudy while bailing.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW11
NJDEP ID #: 29-39145
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 09/06/01
WEATHER: Sunny, warm.
TIDE: L-H

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 8.48 ft
DEPTH OF WELL: 16.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.02 ft
(8.02) X .163 X 3 = 3.92
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 1040
pH 6.66 su
DISSOLVED O2 5.81 ppm
TEMP 13.7 °C
SPECIFIC CONDUCTIVITY 789 us/cm

PURGE END TIME: 1057
pH 6.57 su
DISSOLVED O2 5.24 ppm
TEMP 12.8 °C
SPECIFIC CONDUCTIVITY 792 us/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 8.77 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 1058
pH 6.59 su
DISSOLVED O2 5.23 ppm
TEMP 12.9 °C
SPECIFIC CONDUCTIVITY 791 us/cm

SAMPLE END TIME: 1103

COMMENTS:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	:	Method Detection Limit
J	:	Compound identified below detection limit
B	:	Compound found in blank
D	:	Results are from a dilution of the sample
U	:	Compound searched for but not detected
E	:	Compound exceeds calibration limit
PQL	:	Practical Quantitation Limit
NLE	:	No limit established
RT	:	Retention time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010135.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB**
Date Acquired	**12 Sep 2001 4:46 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 16414 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010135.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: not dec. Date Analyzed: 9/12/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010151.D**	Sample Name	**1641401**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**13 Sep 2001 3:21 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.29	247620	3.14 ug/L	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 16414 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1641401

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010151.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: not dec. Date Analyzed: 9/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010152.D**	Sample Name	**1641402**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**13 Sep 2001 4:01 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.28	347403	4.39 ug/L	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 16414 Location: M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1641402

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010152.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: not dec. _____ Date Analyzed: 9/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010153.D**	Sample Name	**1641403**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**13 Sep 2001 4:41 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 16414 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1641403

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010153.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: not dec. Date Analyzed: 9/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010154.D**	Sample Name	**1641404**
Operator	**Skelton**	Field ID	**M3MW04**
Date Acquired	**13 Sep 2001 5:20 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW04

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 16414 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1641404

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010154.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: not dec. Date Analyzed: 9/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010155.D**	Sample Name	**1641405**
Operator	**Skelton**	Field ID	**M3MW05**
Date Acquired	**13 Sep 2001 6:00 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.42	778552	5.88 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW05

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 16414 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1641405

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010155.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: not dec. Date Analyzed: 9/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	33.86	14	J
2. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	34.54	6	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010164.D**	Sample Name	**1641406**
Operator	**Skelton**	Field ID	**M3MW06**
Date Acquired	**13 Sep 2001 12:10 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.42	399760	2.98 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW06

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 16414 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1641406

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010164.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: not dec. Date Analyzed: 9/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010157.D**	Sample Name	**1641407**
Operator	**Skelton**	Field ID	**M3MW07**
Date Acquired	**13 Sep 2001 7:20 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride	5.08	1220483	19.03 ug/L	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.79	2256739	35.99 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW07

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 16414 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1641407

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010157.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: not dec. Date Analyzed: 9/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010158.D**	Sample Name	**1641408**
Operator	**Skelton**	Field ID	**M3MW08**
Date Acquired	**13 Sep 2001 7:59 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.43	219028	1.65 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW08

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 16414 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1641408

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010158.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: not dec. Date Analyzed: 9/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010159.D**	Sample Name	**1641409**
Operator	**Skelton**	Field ID	**M3MW09**
Date Acquired	**13 Sep 2001 8:51 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.42	2229883	17.23 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.21	287359	2.43 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW09

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 16414 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1641409

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010159.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: not dec. Date Analyzed: 9/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000300-57-2	Benzene, 2-propenyl-	33.86	8	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010160.D**	Sample Name	**1641410**
Operator	**Skelton**	Field ID	**M3MW10**
Date Acquired	**13 Sep 2001 9:31 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.41	2324155	15.80 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.21	183994	1.37 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW10

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 16414 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1641410

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010160.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: not dec. Date Analyzed: 9/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	33.86	10	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010161.D**	Sample Name	**1641411**
Operator	**Skelton**	Field ID	**M3MW11**
Date Acquired	**13 Sep 2001 10:10 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.42	637676	4.43 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.21	239235	1.82 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW11

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 16414 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1641411

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010161.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: not dec. Date Analyzed: 9/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000767-58-8	Indan, 1-methyl-	28.14	8	JN
2. 000496-11-7	Indane	33.86	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05140.D**	Sample Name	**MB**
Operator	**B.Patel**	Misc Info	**MB-010913**
Date Acquired	**13-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN05140.D**	Sample Name	**MB**
Operator	**B.Patel**	Misc Info	**MB-010913**
Date Acquired	**13-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **MB-010913**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16414 Location: M3 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: MB

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05140.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: _____ decanted: (Y/N) N Date Extracted: 9/13/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/13/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.79	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05142.D**	Sample Name	**1641402**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**13-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN05142.D**	Sample Name	**1641402**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**13-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16414 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 1641402

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05142.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: decanted: (Y/N) N Date Extracted: 9/13/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/13/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.79	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05143.D**	Sample Name	**1641403**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**13-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

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Data File Name	**BN05143.D**	Sample Name	**1641403**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**13-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16414 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 1641403

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05143.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: decanted: (Y/N) N Date Extracted: 9/13/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/13/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.79	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05144.D**	Sample Name	**1641404**
Operator	**B.Patel**	Misc Info	**M3MW04**
Date Acquired	**13-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN05144.D**	Sample Name	**1641404**
Operator	**B.Patel**	Misc Info	**M3MW04**
Date Acquired	**13-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16414 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 1641404

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05144.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: decanted: (Y/N) N Date Extracted: 9/13/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/13/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.80	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05145.D**	Sample Name	**1641405**
Operator	**B.Patel**	Misc Info	**M3MW05**
Date Acquired	**13-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene	14.81	23339	1.39 ug/L	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene	17.39	25988	1.72 ug/L	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

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Data File Name	**BN05145.D**	Sample Name	**1641405**
Operator	**B.Patel**	Misc Info	**M3MW05**
Date Acquired	**13-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene	18.63	16708	1.03 ug/L	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.48	57808	2.85 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16414 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 1641405

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05145.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: decanted: (Y/N) N Date Extracted: 9/13/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/13/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.79	5	J
2. 000496-11-7	Indane	10.60	8	JN
3. 000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.41	6	JN
4. 001587-04-8	Benzene, 1-methyl-2-(2-propenyl)	12.53	7	JN
5.	unknown	19.36	6	J
6.	unknown	20.05	5	J
7.	unknown	24.62	10	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05146.D**	Sample Name	**1641406**
Operator	**B.Patel**	Misc Info	**M3MW06**
Date Acquired	**14-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

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Data File Name	**BN05146.D**	Sample Name	**1641406**
Operator	**B.Patel**	Misc Info	**M3MW06**
Date Acquired	**14-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW06**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16414 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 1641406

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05146.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: decanted: (Y/N) N Date Extracted: 9/13/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/14/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.79	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05147.D**	Sample Name	**1641407**
Operator	**B.Patel**	Misc Info	**M3MW07**
Date Acquired	**14-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

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Data File Name	**BN05147.D**	Sample Name	**1641407**
Operator	**B.Patel**	Misc Info	**M3MW07**
Date Acquired	**14-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW07**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16414 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 1641407

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05147.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: decanted: (Y/N) N Date Extracted: 9/13/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/14/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.79	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05148.D**	Sample Name	**1641408**
Operator	**B.Patel**	Misc Info	**M3MW08**
Date Acquired	**14-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

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Data File Name	**BN05148.D**	Sample Name	**1641408**
Operator	**B.Patel**	Misc Info	**M3MW08**
Date Acquired	**14-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW08**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16414 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 1641408

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05148.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: decanted: (Y/N) N Date Extracted: 9/13/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/14/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.79	7	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05149.D**	Sample Name	**1641409**
Operator	**B.Patel**	Misc Info	**M3MW09**
Date Acquired	**14-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene	10.24	20468	1.69 ug/L	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene			not detected	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

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Data File Name	**BN05149.D**	Sample Name	**1641409**
Operator	**B.Patel**	Misc Info	**M3MW09**
Date Acquired	**14-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene			not detected	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.48	53576	2.64 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW09**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16414 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 1641409

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05149.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: decanted: (Y/N) N Date Extracted: 9/13/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/14/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.79	6	J
2. 000496-11-7	Indane	10.60	6	JN
3.	unknown	16.73	21	J

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U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05150.D**	Sample Name	**1641410**
Operator	**B.Patel**	Misc Info	**M3MW10**
Date Acquired	**14-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene	17.39	22206	1.47 ug/L	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN05150.D**	Sample Name	**1641410**
Operator	**B.Patel**	Misc Info	**M3MW10**
Date Acquired	**14-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene	18.63	18253	1.13 ug/L	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.48	28844	1.50 ug/L	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW10**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16414 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 1641410

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05150.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: decanted: (Y/N) N Date Extracted: 9/13/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/14/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.79	6	J
2. 000496-11-7	Indane	10.60	6	JN
3. 027133-93-3	2,3-Dihydro-1-methylindene	12.52	4	JN
4.	unknown	13.19	5	J
5.	unknown	19.36	7	J
6.	unknown	20.06	7	J
7. 000080-05-7	Phenol, 4,4'-(1-methylethylidene)	24.63	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05151.D**	Sample Name	**1641411**
Operator	**B.Patel**	Misc Info	**M3MW11**
Date Acquired	**14-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.54	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.69	ug/L	
62-53-3	Aniline			not detected	NLE	1.85	ug/L	
108-95-2	Phenol			not detected	4000	0.52	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.63	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.61	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.62	ug/L	
106-46-7	1,4-Dichlorobenzene	10.25	16017	1.25 ug/L	75	0.58	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.62	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.65	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.59	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.57	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.48	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.64	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.34	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	
78-59-1	Isophorone			not detected	100	0.45	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.52	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.48	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.39	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.15	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.54	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.72	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.78	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.43	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.71	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.55	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.76	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.59	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.96	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.53	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.04	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.04	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.70	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.92	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.93	ug/L	
83-32-9	Acenaphthene	17.39	19957	1.28 ug/L	400	0.62	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.84	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.73	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.41	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN05151.D**	Sample Name	**1641411**
Operator	**B.Patel**	Misc Info	**M3MW11**
Date Acquired	**14-Sep-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.41	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.54	ug/L	
86-73-7	Fluorene	18.63	19641	1.18 ug/L	300	0.98	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.86	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.96	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	2.10	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.44	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.28	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.74	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.73	ug/L	
120-12-7	Anthracene			not detected	2000	1.85	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	2.49	ug/L	
206-44-0	Fluoranthene			not detected	300	1.48	ug/L	
92-87-5	Benzidine			not detected	50	2.15	ug/L	
129-00-0	Pyrene			not detected	200	1.53	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.24	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	2.68	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.60	ug/L	
218-01-9	Chrysene			not detected	20	1.14	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.34	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.32	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.15	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	2.43	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.24	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.94	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	2.04	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW11**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16414 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 1641411

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05151.D

Level: (low/med) LOW Date Received: 9/6/01

% Moisture: decanted: (Y/N) N Date Extracted: 9/13/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/14/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.79	6	J

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	Method Blank
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	9/10/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/26/01
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1641402
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/6/01
	Bldg. 173	**Extraction Date:**	9/10/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/27/01
Analysis:	EPA Method 608	**Location :**	M3 Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1641403
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/6/01
	Bldg. 173	**Extraction Date:**	9/10/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/27/01
Analysis:	EPA Method 608	**Location :**	M3 Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1641404
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/6/01
	Bldg. 173	**Extraction Date:**	9/10/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/27/01
Analysis:	EPA Method 608	**Location :**	M3 Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1641405
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/6/01
	Bldg. 173	**Extraction Date:**	9/10/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/27/01
Analysis:	EPA Method 608	**Location :**	M3 Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1641406
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/6/01
	Bldg. 173	**Extraction Date:**	9/10/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/27/01
Analysis:	EPA Method 608	**Location :**	M3 Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1641407
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/6/01
	Bldg. 173	**Extraction Date:**	9/10/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/27/01
Analysis:	EPA Method 608	**Location :**	M3 Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1	19.44	0.10	0.0052	**0.010**
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1641408
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/6/01
	Bldg. 173	**Extraction Date:**	9/10/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/27/01
Analysis:	EPA Method 608	**Location :**	M3 Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1	18.70	0.10	0.0052	**0.023**
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1641409
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/6/01
	Bldg. 173	**Extraction Date:**	9/10/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/27/01
Analysis:	EPA Method 608	**Location :**	M3 Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1	18.70	0.10	0.0020	**0.020**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1641410
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/6/01
	Bldg. 173	**Extraction Date:**	9/10/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/27/01
Analysis:	EPA Method 608	**Location :**	M3 Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1641411
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/6/01
	Bldg. 173	**Extraction Date:**	9/10/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/27/01
Analysis:	EPA Method 608	**Location :**	M3 Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1	18.70	0.10	0.0052	**0.018**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #:16414
Sample Prepared: 10/10/01

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/11/01	ND	200	10.0
Antimony	10/11/01	ND	20	2.0
Arsenic	10/11/01	ND	8	2.0
Barium	10/11/01	ND	2000	0.5
Beryllium	10/11/01	ND	20	0.5
Cadmium	10/11/01	ND	4	0.5
Calcium	10/11/01	ND	NLE	20.0
Chromium	10/11/01	ND	100	0.5
Cobalt	10/11/01	ND	NLE	0.5
Copper	10/11/01	ND	1000	2.0
Iron	10/11/01	ND	300	10.0
Lead	10/11/01	ND	10	1.0
Magnesium	10/11/01	ND	NLE	10.0
Manganese	10/11/01	ND	50	0.5
Mercury	09/26/01	ND	2	0.1
Nickel	10/11/01	ND	100	1.0
Potassium	10/11/01	59.0	NLE	40.0
Selenium	10/11/01	ND	50	3.0
Silver	10/11/01	ND	20	1.0
Sodium	10/11/01	ND	50000	20.0
Thallium	10/11/01	ND	10	2.0
Vanadium	10/11/01	ND	NLE	0.5
Zinc	10/11/01	ND	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1641402
Sample Received: 09/06/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/11/01	ND	200	10.0
Antimony	10/11/01	ND	20	2.0
Arsenic	10/11/01	ND	8	2.0
Barium	10/11/01	ND	2000	0.5
Beryllium	10/11/01	ND	20	0.5
Cadmium	10/11/01	ND	4	0.5
Calcium	10/11/01	ND	NLE	20.0
Chromium	10/11/01	ND	100	0.5
Cobalt	10/11/01	ND	NLE	0.5
Copper	10/11/01	ND	1000	2.0
Iron	10/11/01	ND	300	2.0
Lead	10/11/01	ND	10	1.0
Magnesium	10/11/01	ND	NLE	10.0
Manganese	10/11/01	ND	50	0.5
Mercury	09/26/01	ND	2	0.1
Nickel	10/11/01	ND	100	1.0
Potassium	10/11/01	ND	NLE	40.0
Selenium	10/11/01	ND	50	3.0
Silver	10/11/01	ND	20	1.0
Sodium	10/11/01	ND	50000	20.0
Thallium	10/11/01	4.41	10	2.0
Vanadium	10/11/01	ND	NLE	0.5
Zinc	10/11/01	ND	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1641403
Sample Received: 09/06/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/11/01	ND	200	10.0
Antimony	10/11/01	ND	20	2.0
Arsenic	10/11/01	3.20	8	2.0
Barium	10/11/01	166	2000	0.5
Beryllium	10/11/01	ND	20	0.5
Cadmium	10/11/01	1.94	4	0.5
Calcium	10/11/01	51700	NLE	20.0
Chromium	10/11/01	1.62	100	0.5
Cobalt	10/11/01	11.2	NLE	0.5
Copper	10/11/01	7.23	1000	2.0
Iron	10/11/01	3770	300	10.0
Lead	10/11/01	ND	10	1.0
Magnesium	10/11/01	9350	NLE	10.0
Manganese	10/11/01	56.2	50	0.5
Mercury	09/26/01	ND	2	0.1
Nickel	10/11/01	54.1	100	1.0
Potassium	10/11/01	8500	NLE	40.0
Selenium	10/11/01	ND	50	3.0
Silver	10/11/01	948	20	1.0
Sodium	10/11/01	25600	50000	20.0
Thallium	10/11/01	ND	10	2.0
Vanadium	10/11/01	0.944	NLE	0.5
Zinc	10/11/01	69.9	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1641404
Sample Received: 09/06/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/11/01	ND	200	10.0
Antimony	10/11/01	ND	20	2.0
Arsenic	10/11/01	2.71	8	2.0
Barium	10/11/01	165	2000	0.5
Beryllium	10/11/01	ND	20	0.5
Cadmium	10/11/01	2.41	4	0.5
Calcium	10/11/01	52600	NLE	20.0
Chromium	10/11/01	2.49	100	0.5
Cobalt	10/11/01	10.4	NLE	0.5
Copper	10/11/01	15.3	1000	2.0
Iron	10/11/01	4370	300	10.0
Lead	10/11/01	2.20	10	1.0
Magnesium	10/11/01	9190	NLE	10.0
Manganese	10/11/01	61.8	50	0.5
Mercury	09/26/01	ND	2	0.1
Nickel	10/11/01	51.7	100	1.0
Potassium	10/11/01	8490	NLE	40.0
Selenium	10/11/01	ND	50	3.0
Silver	10/11/01	ND	20	1.0
Sodium	10/11/01	24600	50000	20.0
Thallium	10/11/01	ND	10	2.0
Vanadium	10/11/01	1.22	NLE	0.5
Zinc	10/11/01	70.1	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1641405
Sample Received: 09/06/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/11/01	ND	200	10.0
Antimony	10/11/01	ND	20	2.0
Arsenic	10/11/01	2.33	8	2.0
Barium	10/11/01	663	2000	0.5
Beryllium	10/11/01	ND	20	0.5
Cadmium	10/11/01	2.01	4	0.5
Calcium	10/11/01	89700	NLE	20.0
Chromium	10/11/01	ND	100	0.5
Cobalt	10/11/01	1.70	NLE	0.5
Copper	10/11/01	9.80	1000	2.0
Iron	10/11/01	68800	300	10.0
Lead	10/11/01	5.83	10	1.0
Magnesium	10/11/01	15200	NLE	10.0
Manganese	10/11/01	433	50	0.5
Mercury	09/26/01	ND	2	0.1
Nickel	10/11/01	ND	100	1.0
Potassium	10/11/01	9840	NLE	40.0
Selenium	10/11/01	ND	50	3.0
Silver	10/11/01	14.0	20	1.0
Sodium	10/11/01	16100	50000	20.0
Thallium	10/11/01	ND	10	2.0
Vanadium	10/11/01	ND	NLE	0.5
Zinc	10/11/01	12.7	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1641406
Sample Received: 09/06/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/11/01	ND	200	10.0
Antimony	10/11/01	ND	20	2.0
Arsenic	10/11/01	ND	8	2.0
Barium	10/11/01	31.5	2000	0.5
Beryllium	10/11/01	ND	20	0.5
Cadmium	10/11/01	ND	4	0.5
Calcium	10/11/01	59200	NLE	20.0
Chromium	10/11/01	0.831	100	0.5
Cobalt	10/11/01	1.21	NLE	0.5
Copper	10/11/01	9.40	1000	2.0
Iron	10/11/01	13400	300	10.0
Lead	10/11/01	1.36	10	1.0
Magnesium	10/11/01	14100	NLE	10.0
Manganese	10/11/01	391	50	0.5
Mercury	09/26/01	ND	2	0.1
Nickel	10/11/01	5.87	100	1.0
Potassium	10/11/01	5360	NLE	40.0
Selenium	10/11/01	ND	50	3.0
Silver	10/11/01	1.84	20	1.0
Sodium	10/11/01	15800	50000	20.0
Thallium	10/11/01	ND	10	2.0
Vanadium	10/11/01	ND	NLE	0.5
Zinc	10/11/01	189	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1641407
Sample Received: 09/06/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/11/01	328	200	10.0
Antimony	10/11/01	ND	20	2.0
Arsenic	10/11/01	ND	8	2.0
Barium	10/11/01	155	2000	0.5
Beryllium	10/11/01	ND	20	0.5
Cadmium	10/11/01	ND	4	0.5
Calcium	10/11/01	130000	NLE	20.0
Chromium	10/11/01	6.44	100	0.5
Cobalt	10/11/01	1.27	NLE	0.5
Copper	10/11/01	222	1000	2.0
Iron	10/11/01	16800	300	10.0
Lead	10/11/01	14.1	10	1.0
Magnesium	10/11/01	67600	NLE	10.0
Manganese	10/11/01	651	50	0.5
Mercury	09/26/01	ND	2	0.1
Nickel	10/11/01	10.9	100	1.0
Potassium	10/11/01	27500	NLE	40.0
Selenium	10/11/01	ND	50	3.0
Silver	10/11/01	5.22	20	1.0
Sodium	10/11/01	382000	50000	20.0
Thallium	10/11/01	ND	10	2.0
Vanadium	10/11/01	2.89	NLE	0.5
Zinc	10/11/01	524	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1641408
Sample Received: 09/06/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/11/01	ND	200	10.0
Antimony	10/11/01	ND	20	2.0
Arsenic	10/11/01	ND	8	2.0
Barium	10/11/01	380	2000	0.5
Beryllium	10/11/01	ND	20	0.5
Cadmium	10/11/01	1.44	4	0.5
Calcium	10/11/01	83200	NLE	20.0
Chromium	10/11/01	ND	100	0.5
Cobalt	10/11/01	0.928	NLE	0.5
Copper	10/11/01	107	1000	2.0
Iron	10/11/01	48000	300	10.0
Lead	10/11/01	8.70	10	1.0
Magnesium	10/11/01	11800	NLE	10.0
Manganese	10/11/01	711	50	0.5
Mercury	09/26/01	ND	2	0.1
Nickel	10/11/01	3.81	100	1.0
Potassium	10/11/01	6250	NLE	40.0
Selenium	10/11/01	ND	50	3.0
Silver	10/11/01	3.37	20	1.0
Sodium	10/11/01	15200	50000	20.0
Thallium	10/11/01	ND	10	2.0
Vanadium	10/11/01	ND	NLE	0.5
Zinc	10/11/01	156	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1641409
Sample Received: 09/06/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/11/01	1040	200	10.0
Antimony	10/11/01	ND	20	2.0
Arsenic	10/11/01	5.39	8	2.0
Barium	10/11/01	375	2000	0.5
Beryllium	10/11/01	ND	20	0.5
Cadmium	10/11/01	3.38	4	0.5
Calcium	10/11/01	63700	NLE	20.0
Chromium	10/11/01	11.2	100	0.5
Cobalt	10/11/01	3.03	NLE	0.5
Copper	10/11/01	69.7	1000	2.0
Iron	10/11/01	78300	300	10.0
Lead	10/11/01	34.1	10	1.0
Magnesium	10/11/01	14100	NLE	10.0
Manganese	10/11/01	660	50	0.5
Mercury	09/26/01	0.2	2	0.1
Nickel	10/11/01	4.13	100	1.0
Potassium	10/11/01	10100	NLE	40.0
Selenium	10/11/01	ND	50	3.0
Silver	10/11/01	ND	20	1.0
Sodium	10/11/01	10200	50000	20.0
Thallium	10/11/01	ND	10	2.0
Vanadium	10/11/01	5.85	NLE	0.5
Zinc	10/11/01	405	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1641410
Sample Received: 09/06/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/11/01	925	200	10.0
Antimony	10/11/01	ND	20	2.0
Arsenic	10/11/01	ND	8	2.0
Barium	10/11/01	655	2000	0.5
Beryllium	10/11/01	ND	20	0.5
Cadmium	10/11/01	2.05	4	0.5
Calcium	10/11/01	105000	NLE	20.0
Chromium	10/11/01	8.85	100	0.5
Cobalt	10/11/01	2.22	NLE	0.5
Copper	10/11/01	11.6	1000	2.0
Iron	10/11/01	62300	300	10.0
Lead	10/11/01	5.64	10	1.0
Magnesium	10/11/01	16500	NLE	10.0
Manganese	10/11/01	525	50	0.5
Mercury	09/26/01	ND	2	0.1
Nickel	10/11/01	ND	100	1.0
Potassium	10/11/01	11300	NLE	40.0
Selenium	10/11/01	ND	50	3.0
Silver	10/11/01	ND	20	1.0
Sodium	10/11/01	15300	50000	20.0
Thallium	10/11/01	ND	10	2.0
Vanadium	10/11/01	5.91	NLE	0.5
Zinc	10/11/01	27.8	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1641411
Sample Received: 09/06/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW11

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/11/01	702	200	10.0
Antimony	10/11/01	ND	20	2.0
Arsenic	10/11/01	2.94	8	2.0
Barium	10/11/01	330	2000	0.5
Beryllium	10/11/01	ND	20	0.5
Cadmium	10/11/01	4.48	4	0.5
Calcium	10/11/01	115000	NLE	20.0
Chromium	10/11/01	4.61	100	0.5
Cobalt	10/11/01	2.73	NLE	0.5
Copper	10/11/01	28.6	1000	2.0
Iron	10/11/01	52400	300	10.0
Lead	10/11/01	6.09	10	1.0
Magnesium	10/11/01	9960	NLE	10.0
Manganese	10/11/01	702	50	0.5
Mercury	09/26/01	ND	2	0.1
Nickel	10/11/01	36.7	100	1.0
Potassium	10/11/01	6770	NLE	40.0
Selenium	10/11/01	ND	50	3.0
Silver	10/11/01	ND	20	1.0
Sodium	10/11/01	5790	50000	20.0
Thallium	10/11/01	ND	10	2.0
Vanadium	10/11/01	3.58	NLE	0.5
Zinc	10/11/01	731	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Acetone	Di-n-butyl phthalate	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	900	200	300	50	10	20	20	2000	-
05/01/1997	FMETL	ND	83	330	270	39	ND	21	-	-	V,S,P,M
08/07/1997	FMETL	ND	1.95	139	140	62	0.6	ND	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	146	2550	64	16	ND	ND	94.5	V,S,P,M
02/17/1998	FMETL	ND	13.6	430	206	56	ND	ND	ND	84.5	V,S,P,M
05/05/1998	FMETL	ND	ND	461	433	6.6	ND	ND	9	38	V,S,P,M
07/07/1998	FMETL	ND	ND	877	4990	39.4	ND	ND	5.24	131	V,S,P,M
10/27/1998	FMETL	ND	ND	121	1260	41.8	ND	ND	8.54	126	V,S,P,M
03/01/1999	FMETL	ND	ND	815	2390	27.2	2.28	ND	3.95	91	V,S,P,M
06/11/1999	FMETL	ND	ND	244	1030	55.7	ND	ND	ND	150	V,S,P,M
07/27/1999	FMETL	ND	ND	137	515	72.6	ND	ND	2.41	159	V,S,P,M
10/26/1999	FMETL	ND	ND	111	2270	44.4	ND	ND	ND	112	V,S,P,M
03/02/2000	FMETL	ND	ND	219	1390	40.8	ND	ND	ND	137	V,S,P,M
03/02/2000D	FMETL	ND	ND	367	1910	153	ND	ND	10.4	156	V,S,P,M
06/01/2000	FMETL	ND	ND	281	1390	22.4	2.93	ND	3.10	71.8	V,S,P,M
08/28/2000	FMETL	ND	ND	231	3960	49.4	1.37	ND	ND	176	V,S,P,M
08/28/2000D	FMETL	ND	ND	431	4710	48.9	1.91	ND	ND	177	V,S,P,M
11/07/2000	FMETL	5.16	ND	129	4940	54.4	ND	ND	ND	200	V,S,P,M
02/14/2001	FMETL	ND	ND	148	2990	42.1	ND	ND	ND	127	V,S,P,M
02/14/2001D	FMETL	ND	ND	177	5310	44.0	ND	ND	ND	133	V,S,P,M
05/17/2001	FMETL	ND	ND	253	2370	12.5	ND	ND	ND	54.0	V,S,P,M
05/17/2001D	FMETL	ND	ND	241	2570	19.0	ND	ND	ND	75.7	V,S,P,M
09/06/2001	FMETL	ND	ND	ND	4370	61.8	2.20	ND	ND	165	V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 09/06/2001

NOTES:

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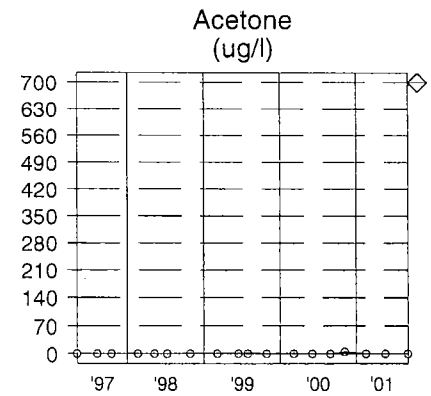
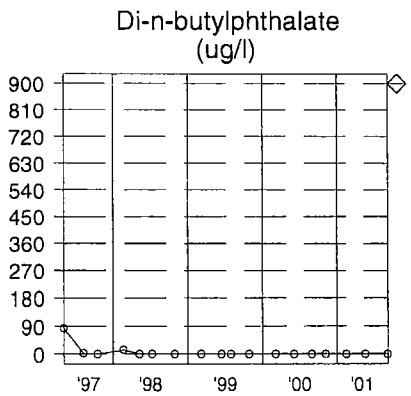
FORT MONMOUTH

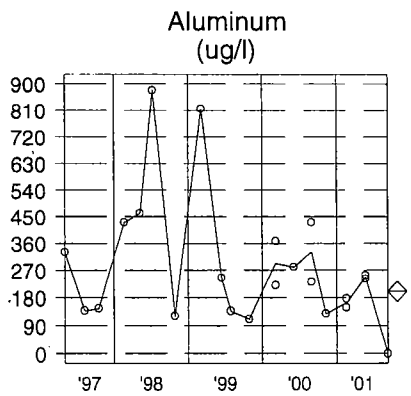
GW MONITORING
M-3

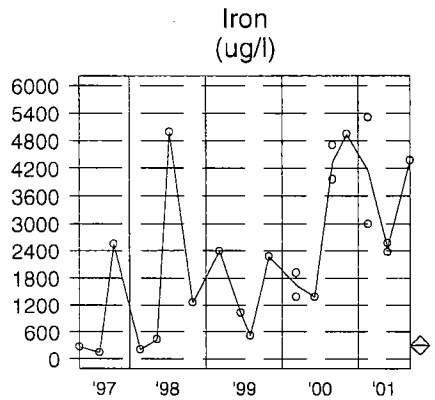
Source 1 of 8

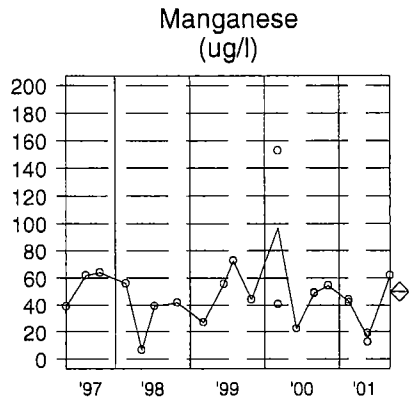
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

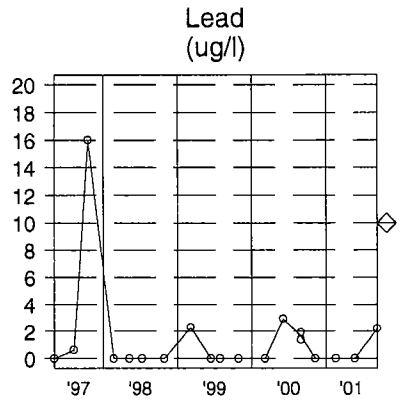


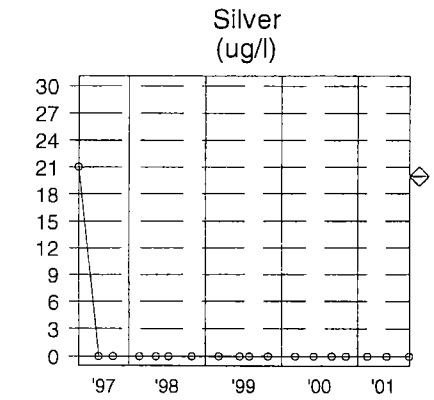


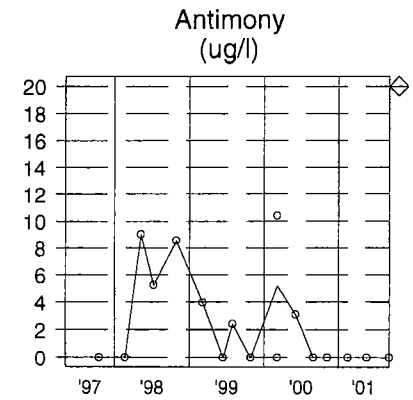


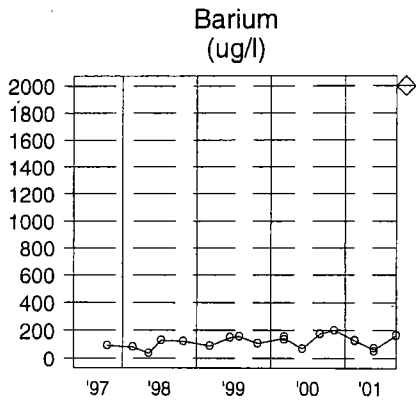












SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 09/06/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 1 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-24-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
05/01/1997	FMETL	-	-	-	-	-	-	-	10.55		V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	-	13.30		V,S,P,M
10/16/1997	FMETL	2.8	48790	6590	25.3	8040	18650	124	14.10		V,S,P,M
02/17/1998	FMETL	2.2	26330	8530	36	5700	16740	88	8.80		V,S,P,M
05/05/1998	FMETL	0.6	7004	7252	19.9	3590	13730	89.8	9.40		V,S,P,M
07/07/1998	FMETL	2.41	44100	8620	46	11000	19200	129	12.26		V,S,P,M
10/27/1998	FMETL	3.78	42500	6710	41.6	10500	16200	46	14.51		V,S,P,M
03/01/1999	FMETL	1.91	27800	8940	34.1	5920	21400	106	11.25		V,S,P,M
06/11/1999	FMETL	3.34	58600	9670	48.9	9210	27300	60.5	13.21		V,S,P,M
07/27/1999	FMETL	4.70	66400	9170	38.8	9770	23100	56.7	13.96		V,S,P,M
10/26/1999	FMETL	2.23	36900	5680	28.2	6850	21400	27.6	13.41		V,S,P,M
03/02/2000	FMETL	3.10	46500	11600	66.5	6880	29600	173	11.95		V,S,P,M
03/02/2000D	FMETL	4.16	51100	21400	73.5	7560	32900	159	11.95		V,S,P,M
06/01/2000	FMETL	0.909	28000	9760	53.5	4950	25800	124	11.92		V,S,P,M
08/28/2000	FMETL	3.25	55600	10300	50.8	8610	28500	94.1	11.89		V,S,P,M
08/28/2000D	FMETL	3.17	54500	10400	51.9	8550	29000	97.3	11.89		V,S,P,M
11/07/2000	FMETL	2.81	48900	10300	69.7	8230	30300	91.5	12.91		V,S,P,M
02/14/2001	FMETL	ND	40000	9910	37.0	5950	21400	68.4	9.93		V,S,P,M
02/14/2001D	FMETL	ND	41500	9970	38.1	6140	21600	70.9	9.93		V,S,P,M
05/17/2001	FMETL	0.990	13700	6960	25.9	3100	18600	83.2	11.52		V,S,P,M
05/17/2001D	FMETL	1.42	19800	7440	30.8	3850	19400	85.7	11.52		V,S,P,M
09/06/2001	FMETL	2.41	52600	9190	51.7	8490	24600	70.1	13.77		V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 09/06/2001

NOTES:

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FORT MONMOUTH

GW MONITORING
M-3

Source 1 of 8

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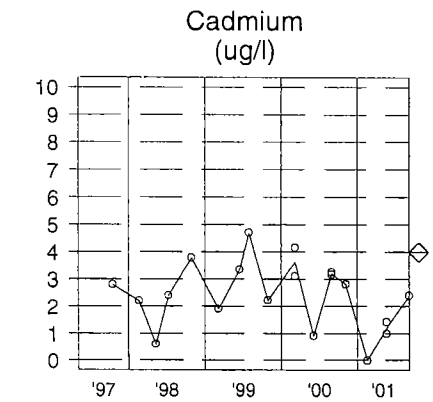
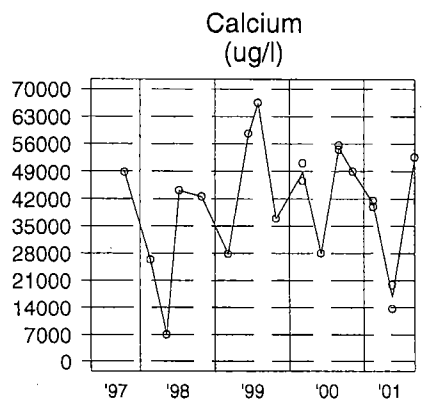
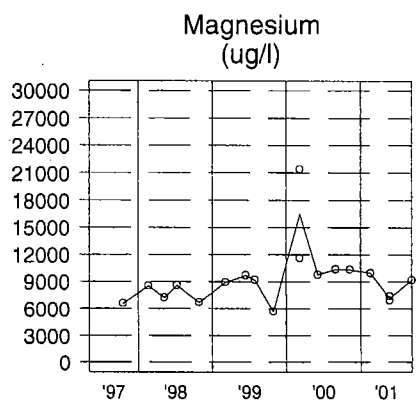
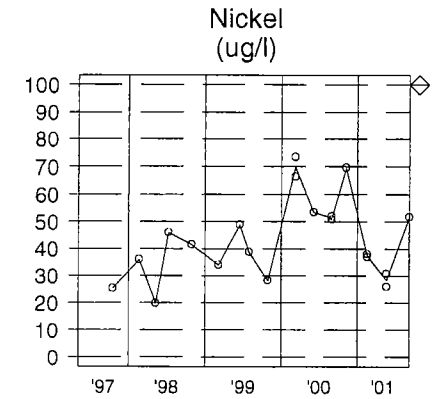
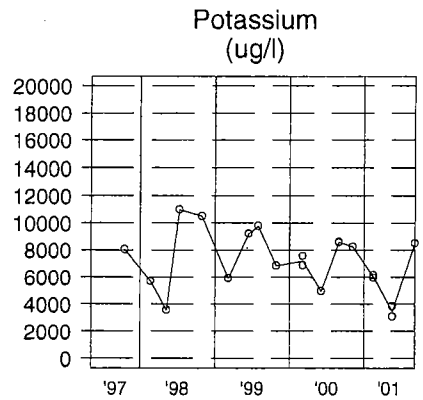
SELFM-PW-EV

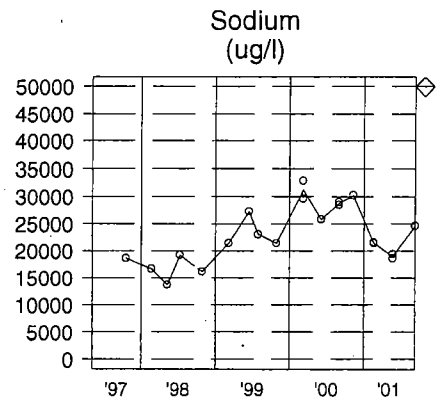


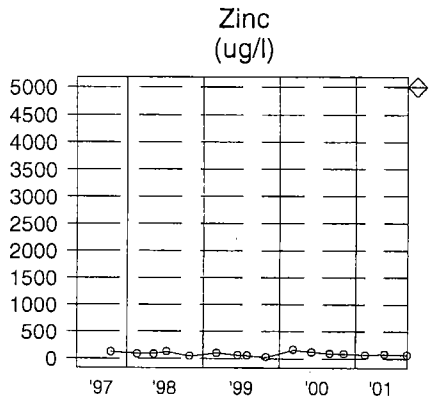


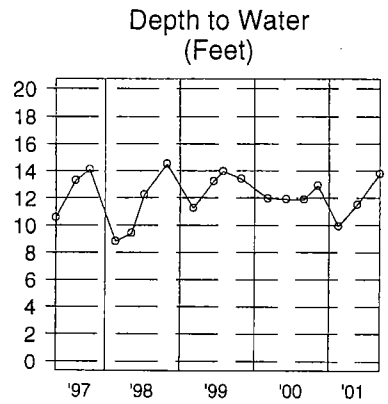












SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 09/06/2001

LEGEND:

PARAMETER

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 1 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-24-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	Chloro benzene	Benzene	1,4-Di chloro benzene	Di-n-butyl phthalate	2-Methyl naphtha lene	Acenaph thene	Fluorene	Phen anthrene	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	1	75	900	NLE	400	300	NLE	-
05/01/1997	FMETL	ND	3.82	ND	ND	123	1.64	1.31	1.03	1.35	V,S,P,M
08/07/1997	FMETL	ND	7.28	ND	ND	2.28	1.82	1.31	ND	1.08	V,S,P,M
10/16/1997	FMETL	ND	6.70	ND	ND	ND	2.08	1.70	1.13	1.57	V,S,P,M
02/17/1998	FMETL	ND	4.66	ND	ND	43.6	1.33	1.78	1.13	1.40	V,S,P,M
05/05/1998	FMETL	ND	7.33	1.44	ND	ND	ND	ND	ND	ND	V,S,P,M
07/07/1998	FMETL	ND	9.23	1.33	ND	ND	1.80	1.52	1.06	1.01	V,S,P,M
10/27/1998	FMETL	ND	5.05	ND	ND	ND	ND	ND	ND	2.32	V,S,P,M
03/01/1999	FMETL	ND	5.19	ND	ND	ND	1.57	2.44	ND	2.27	V,S,P,M
06/11/1999	FMETL	ND	5.60	ND	ND	ND	ND	1.04	ND	1.13	V,S,P,M
07/27/1999	FMETL	ND	5.21	ND	1.10	ND	1.49	1.47	ND	ND	V,S,P,M
10/26/1999	FMETL	ND	5.39	ND	1.02	ND	2.00	2.20	1.65	2.14	V,S,P,M
03/02/2000	FMETL	ND	4.09	ND	ND	ND	1.29	1.74	1.29	1.45	V,S,P,M
06/01/2000	FMETL	ND	4.32	ND	ND	ND	1.27	1.63	1.20	1.30	V,S,P,M
08/28/2000	FMETL	ND	5.72	ND	ND	ND	1.54	1.92	1.40	ND	V,S,P,M
11/07/2000	FMETL	ND	5.41	ND	ND	ND	1.40	1.47	1.03	ND	V,S,P,M
02/14/2001	FMETL	ND	3.33	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
05/17/2001	FMETL	3.94	4.94	ND	ND	ND	ND	1.52	1.03	ND	V,S,P,M
09/06/2001	FMETL	ND	5.88	ND	ND	ND	1.39	1.72	1.03	ND	V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
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FORT MONMOUTH

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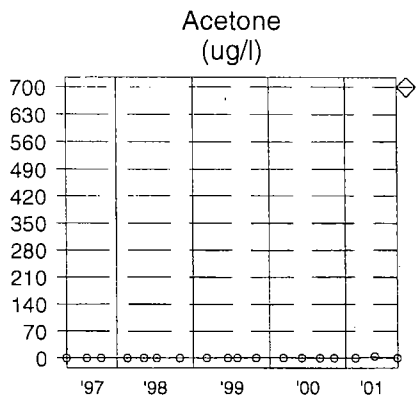
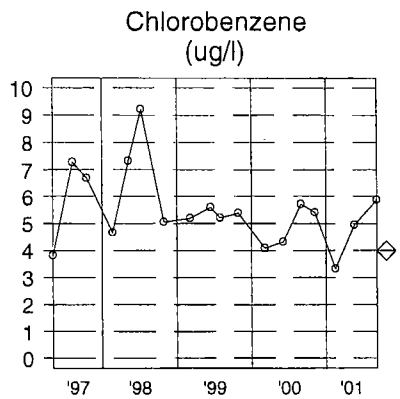
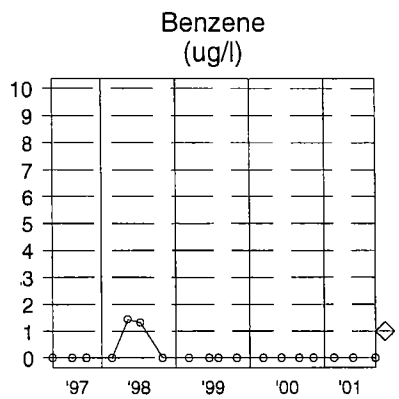
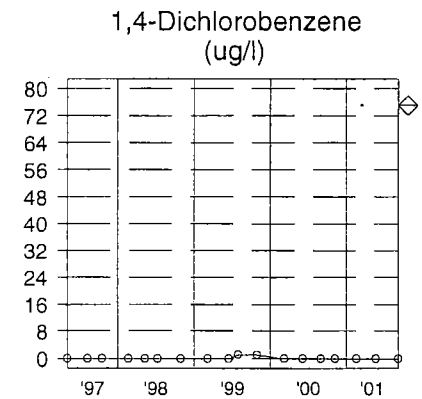
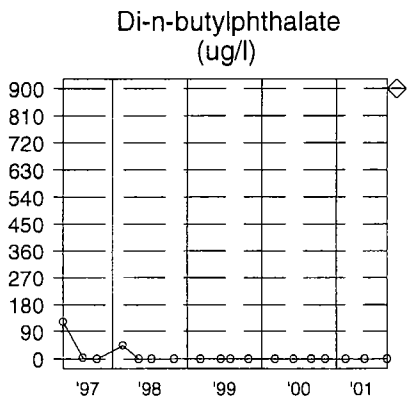
SELFM-PW-EV

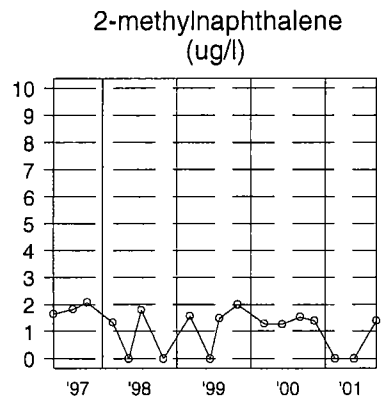


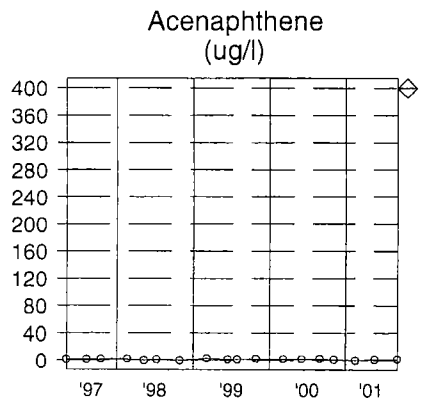


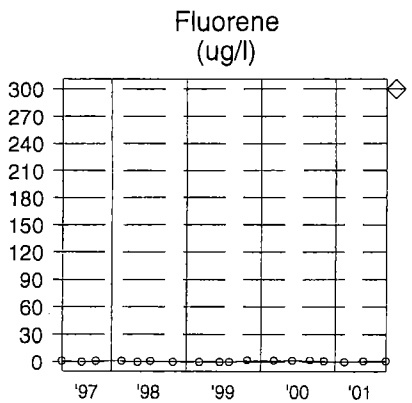


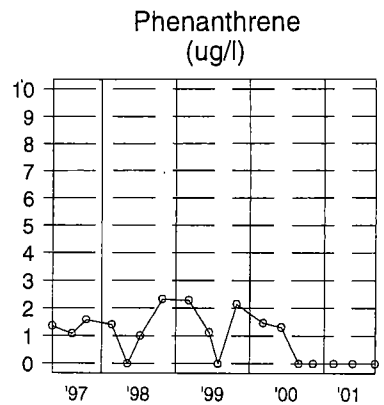












SOURCE: 00M3MW05

Sampling Dates:
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o = Date Sampled

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	Lab	bis(2-Ethyl hexyl) phthalate	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	30	200	300	50	10	20	20	2000	4	-
05/01/1997	FMETL	ND	27	73000	440	ND	21	-	-	-	V,S,P,M
08/07/1997	FMETL	ND	182	187600	503	20.5	ND	-	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	627.3	ND	V,S,P,M
02/17/1998	FMETL	ND	149	70470	425	6.0	ND	ND	664	ND	V,S,P,M
05/05/1998	FMETL	ND	ND	84560	409	ND	ND	4.3	637	ND	V,S,P,M
07/07/1998	FMETL	ND	22.3	65400	399	4.54	ND	4.26	555	1.2	V,S,P,M
10/27/1998	FMETL	ND	ND	67300	421	ND	ND	7.83	636	ND	V,S,P,M
03/01/1999	FMETL	ND	13.4	75500	409	3.15	ND	2.4	638	ND	V,S,P,M
06/11/1999	FMETL	ND	ND	70000	440	ND	ND	ND	566	4.38	V,S,P,M
07/27/1999	FMETL	ND	15.0	76500	501	ND	ND	ND	655	1.21	V,S,P,M
10/26/1999	FMETL	ND	31	66500	395	ND	ND	ND	625	ND	V,S,P,M
03/02/2000	FMETL	4.03	16.3	74000	417	ND	ND	ND	647	ND	V,S,P,M
06/01/2000	FMETL	3.89	13.2	73900	430	ND	ND	ND	693	ND	V,S,P,M
08/28/2000	FMETL	3.79	101	69900	382	1.98	ND	2.68	630	ND	V,S,P,M
11/07/2000	FMETL	3.12	ND	67700	429	ND	ND	ND	686	ND	V,S,P,M
02/14/2001	FMETL	1.48	ND	66300	426	ND	ND	ND	639	0.81	V,S,P,M
05/17/2001	FMETL	2.58	21.5	62100	401	6.33	ND	ND	557	3.62	V,S,P,M
09/06/2001	FMETL	2.85	ND	68800	433	5.83	14.0	ND	663	2.01	V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
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FORT MONMOUTH

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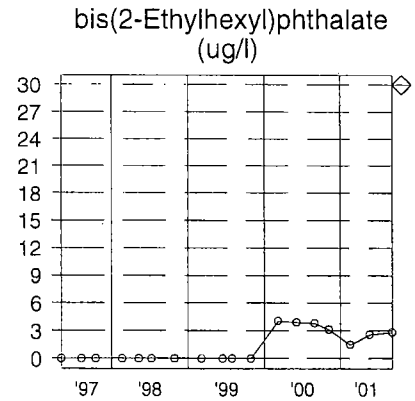
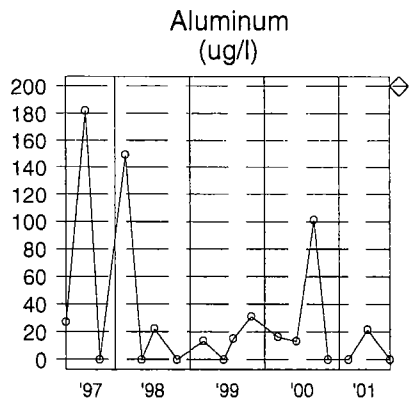
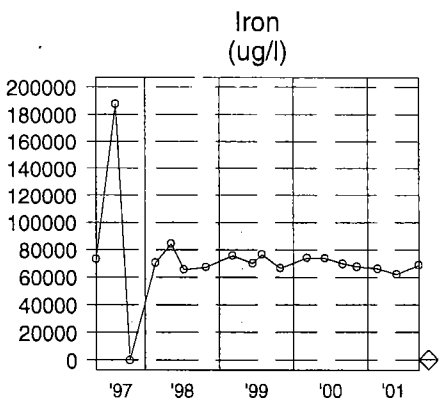
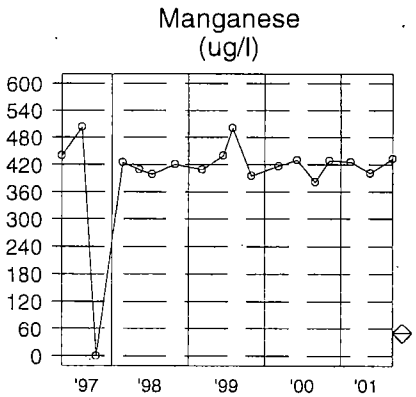
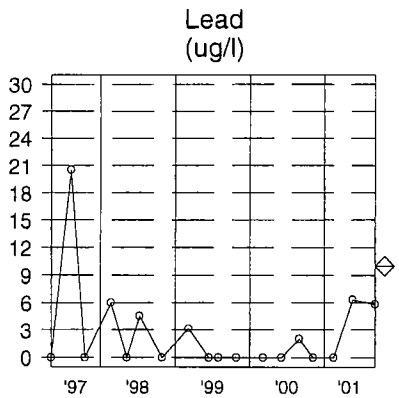
SELFM-PW-EV

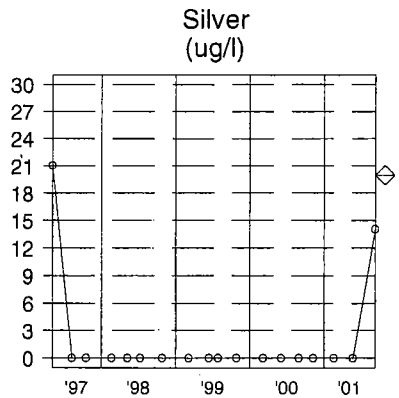


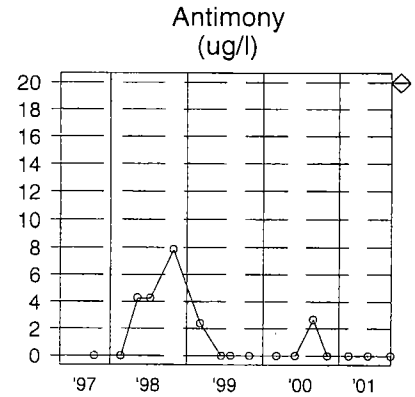


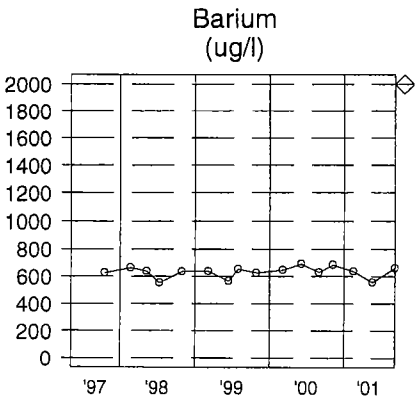


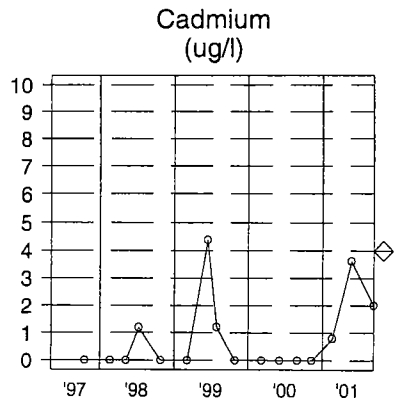












SOURCE: 00M3MW05

Sampling Dates:
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LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-24-2001 x:\mtech46\frm\m-3\gw\m-3.wsf

	Lab	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	NLE	NLE	100	NLE	50000	5000	-			-
05/01/1997	FMETL	-	-	-	-	-	-	7.90			V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	8.85			V,S,P,M
10/16/1997	FMETL	90160	14600	1.1	12350	17370	44	9.10			V,S,P,M
02/17/1998	FMETL	96030	15840	5.7	13960	16070	ND	7.70			V,S,P,M
05/05/1998	FMETL	89180	14300	1.4	15490	16640	2.2	7.76			V,S,P,M
07/07/1998	FMETL	90100	13800	ND	15100	9510	18.8	8.66			V,S,P,M
10/27/1998	FMETL	88000	14000	0.87	14100	11800	ND	9.64			V,S,P,M
03/01/1999	FMETL	97800	15800	1.69	11400	17300	3.68	8.47			V,S,P,M
06/11/1999	FMETL	89600	14700	11000	10800	16800	ND	9.13			V,S,P,M
07/27/1999	FMETL	90500	15000	2.15	10900	18000	13.7	9.49			V,S,P,M
10/26/1999	FMETL	85700	13900	1.0	10800	15800	5.69	8.77			V,S,P,M
03/02/2000	FMETL	95000	15700	0.912	10800	15500	17	8.45			V,S,P,M
06/01/2000	FMETL	98200	16600	10.9	10700	15000	13.2	8.53			V,S,P,M
08/28/2000	FMETL	94800	15800	ND	11900	15600	23.8	8.31			V,S,P,M
11/07/2000	FMETL	91500	15300	ND	10500	16100	21.3	9.00			V,S,P,M
02/14/2001	FMETL	99300	17300	ND	10700	16200	5.86	7.14			V,S,P,M
05/17/2001	FMETL	89700	15600	1.94	9670	14700	15.5	8.68			V,S,P,M
09/06/2001	FMETL	89700	15200	ND	9840	16100	12.7	9.32			V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
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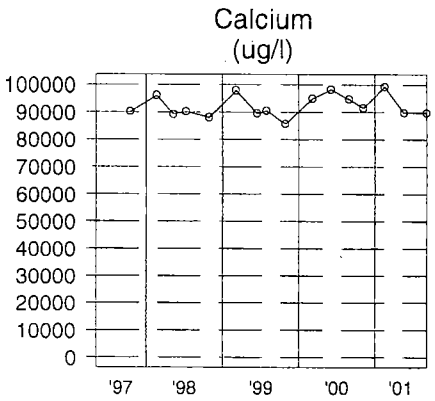

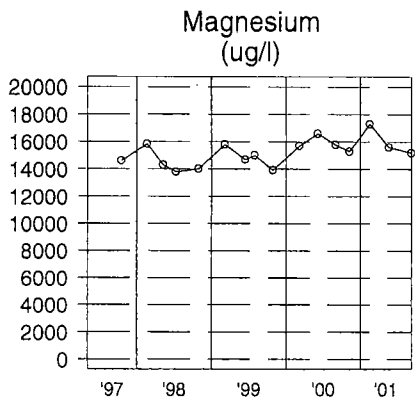

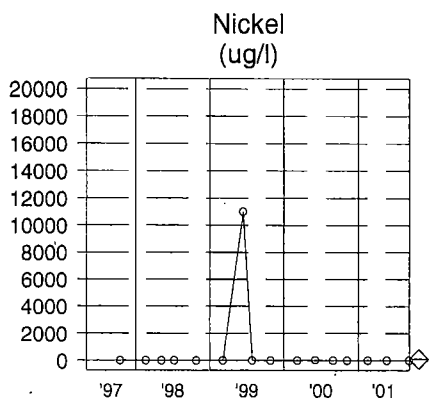

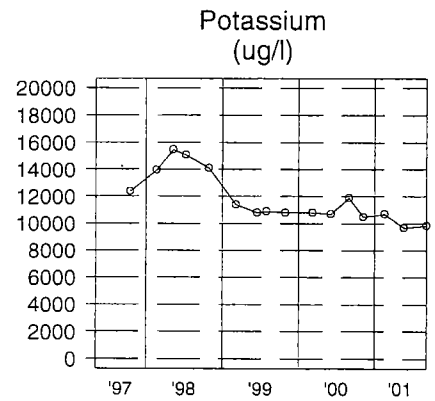

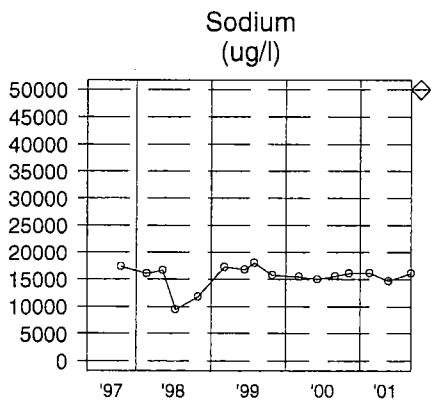

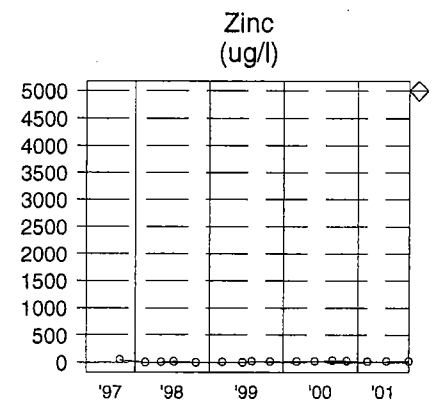

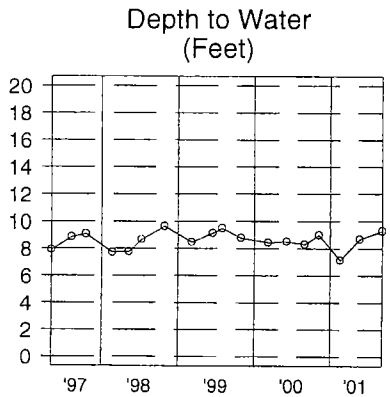

SOURCE: 00M3MW05

Sampling Dates:
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LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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	Lab	Acetone	Chloro benzene	Benzene	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	1	200	300	50	10	20	20	-
05/01/1997	FMETL	ND	ND	5.35	70	10500	320	ND	14	-	V,S,P,M
08/07/1997	FMETL	ND	2.65	ND	61	31020	565	1.4	ND	-	V,S,P,M
10/16/1997	FMETL	ND	4.41	ND	142	37600	623	8.0	ND	ND	V,S,P,M
02/17/1998	FMETL	ND	ND	ND	113	10740	639	ND	ND	4	V,S,P,M
05/05/1998	FMETL	ND	ND	0.94	49	6992	362	ND	ND	5.4	V,S,P,M
07/07/1998	FMETL	ND	2.65	3.10	92.2	20900	555	ND	ND	2.9	V,S,P,M
10/27/1998	FMETL	ND	5.34	ND	166	26800	449	ND	ND	5.31	V,S,P,M
03/01/1999	FMETL	ND	1.93	ND	182	35500	1010	4.01	ND	4.8	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	15.9	23500	687	ND	ND	ND	V,S,P,M
07/27/1999	FMETL	ND	4.59	ND	1480	43900	785	3.08	ND	ND	V,S,P,M
10/26/1999	FMETL	ND	2.16	ND	37.9	12900	711	ND	ND	2.3	V,S,P,M
03/02/2000	FMETL	ND	1.90	ND	ND	20800	903	ND	ND	ND	V,S,P,M
06/01/2000	FMETL	ND	2.05	1.44	ND	22300	877	ND	ND	2.29	V,S,P,M
08/28/2000	FMETL	ND	3.18	ND	141	19400	676	2.56	ND	3.66	V,S,P,M
11/07/2000	FMETL	6.55	2.52	ND	ND	13600	534	ND	ND	ND	V,S,P,M
02/14/2001	FMETL	ND	1.65	ND	ND	13600	623	ND	ND	2.32	V,S,P,M
05/17/2001	FMETL	4.76	2.25	2.60	16.9	12200	517	ND	ND	ND	V,S,P,M
09/06/2001	FMETL	ND	2.98	ND	ND	13400	391	1.36	1.84	ND	V,S,P,M

SOURCE: 00M3MW06

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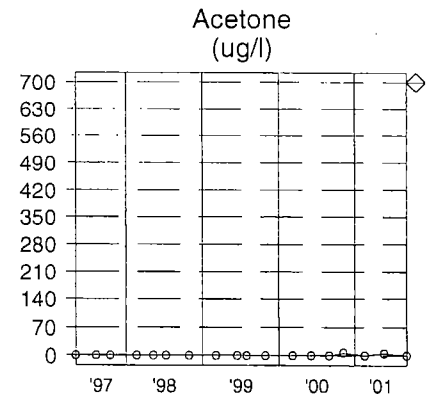

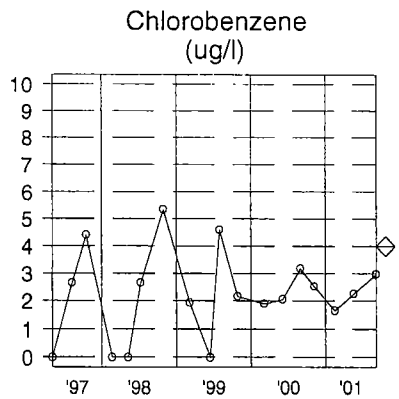

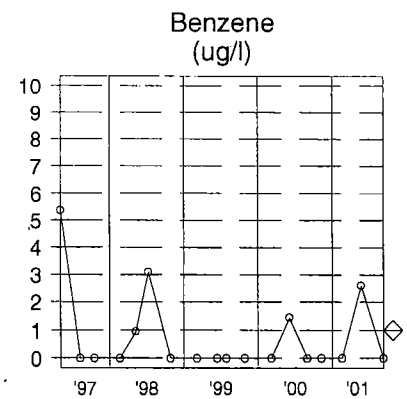

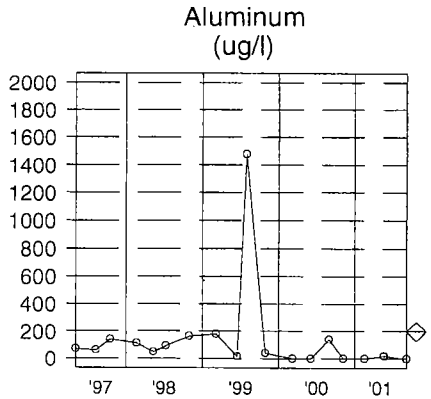

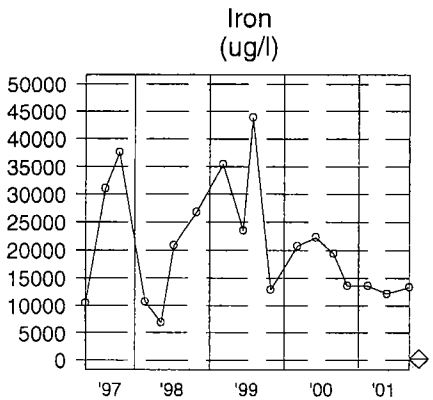

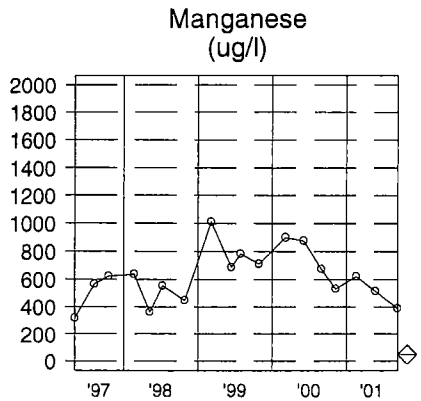

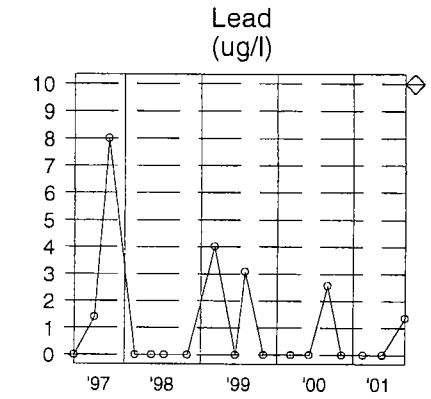

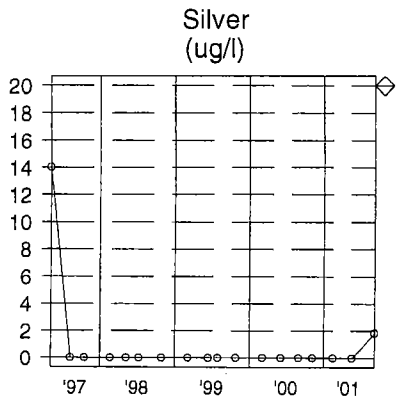

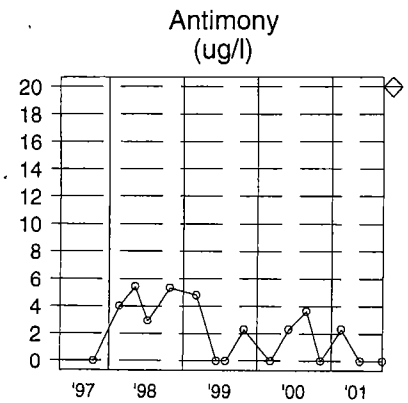

SOURCE: 00M3MW06

Sampling Dates:
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o = Date Sampled

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	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
05/01/1997	FMETL	-	-	-	-	-	-	-	-	8.00	V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	-	-	9.05	V,S,P,M
10/16/1997	FMETL	57.2	ND	69170	19300	2.3	8720	ND	68	9.30	V,S,P,M
02/17/1998	FMETL	66	ND	94830	22740	18	10450	40910	302	7.85	V,S,P,M
05/05/1998	FMETL	40	0.7	74040	16680	10	9163	25680	150	7.90	V,S,P,M
07/07/1998	FMETL	73.6	ND	126000	29200	0.579	12600	15100	40.5	8.60	V,S,P,M
10/27/1998	FMETL	29.7	ND	38600	12200	3.8	8430	18200	80	9.61	V,S,P,M
03/01/1999	FMETL	149	0.63	159000	33300	18.9	10800	26200	467	8.78	V,S,P,M
06/11/1999	FMETL	114	1.87	119000	28300	3.55	10700	21500	44.9	9.05	V,S,P,M
07/27/1999	FMETL	76.2	1.84	63900	19000	6.40	9810	25600	164	9.57	V,S,P,M
10/26/1999	FMETL	138	0.866	165000	34300	27.5	11900	37400	416	8.07	V,S,P,M
03/02/2000	FMETL	133	ND	184000	36700	10.4	10300	17600	177	8.30	V,S,P,M
06/01/2000	FMETL	153	ND	173000	38300	11.8	10600	15200	55.4	8.44	V,S,P,M
08/28/2000	FMETL	111	ND	124000	31200	ND	9570	24100	78.6	8.24	V,S,P,M
11/07/2000	FMETL	114	ND	115000	26600	ND	10600	23100	47.5	8.56	V,S,P,M
02/14/2001	FMETL	64.1	ND	107000	24199	7.15	7130	13800	203	8.09	V,S,P,M
05/17/2001	FMETL	56.1	ND	87100	22700	4.40	7320	14100	91.7	8.43	V,S,P,M
09/06/2001	FMETL	31.5	ND	59200	14100	5.87	5360	15800	189	9.25	V,S,P,M

SOURCE: 00M3MW06

Sampling Dates:
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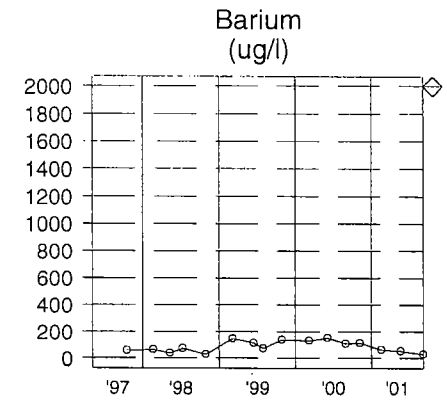

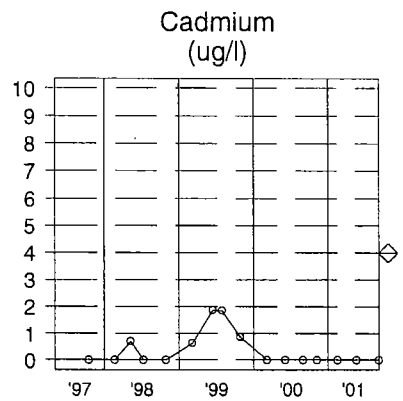

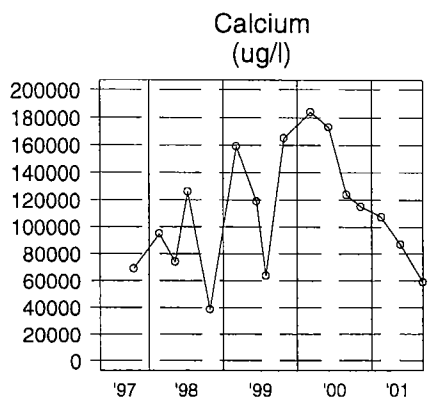

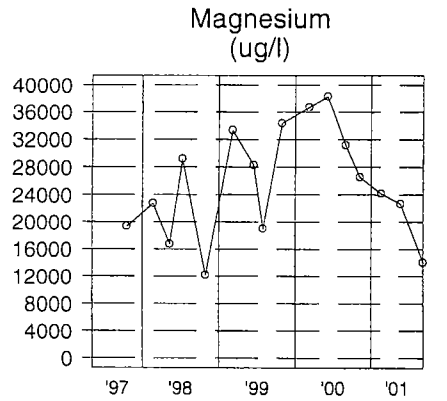

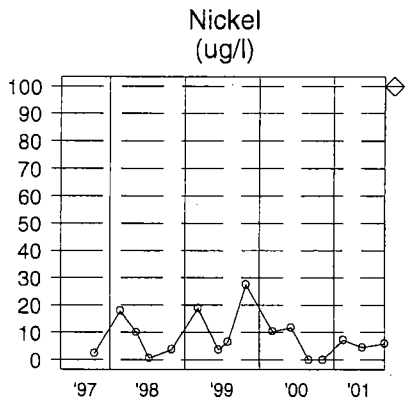

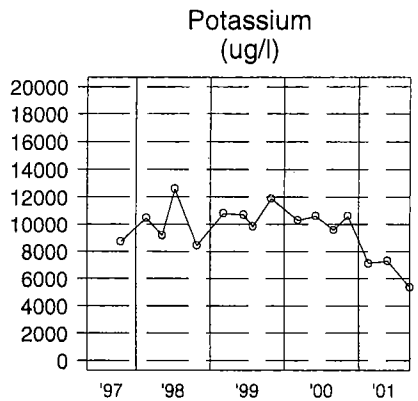

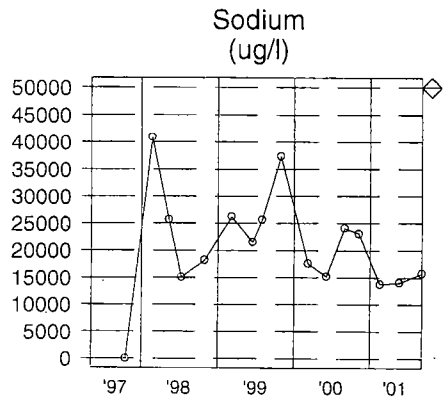

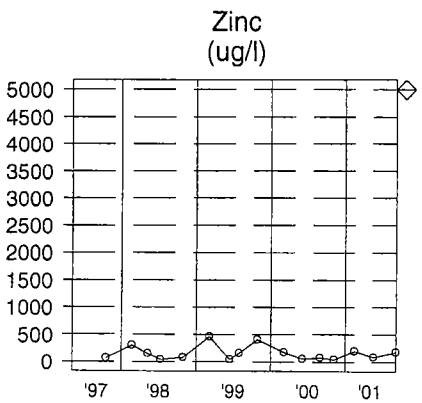

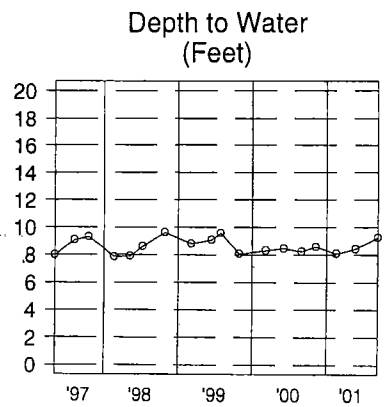

SOURCE: 00M3MW06

Sampling Dates:
05/01/1997 - 09/06/2001

LEGEND:

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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FORT MONMOUTH
SELFM-PW-EV

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	Lab	Acetone	2-Butanone	Vinyl chloride	csi-1,2-Dichloro ethene	4,4'-DDT	Aluminum	Iron	Manganese	Lead	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	5	10	0.1	200	300	50	10	-
10/07/1998	FMETL	ND	399.25	ND	ND	ND	4810	41900	710	23	V,S,P,M
10/23/1998	FMETL	ND	ND	8.93	3.58	ND	1820	56700	1200	6.23	V,S,P,M
03/01/1999	FMETL	ND	ND	2.76	4.05	ND	2350	78400	1080	13.7	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	ND	ND	2990	34500	823	8.33	V,S,P,M
07/27/1999	FMETL	ND	ND	4.22	2.61	ND	1480	36900	998	5.66	V,S,P,M
10/26/1999	FMETL	ND	ND	ND	ND	ND	2490	35100	1060	7.59	V,S,P,M
03/02/2000	FMETL	ND	ND	ND	ND	ND	3400	36600	817	8.94	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	ND	ND	362	17500	650	3.75	V,S,P,M
08/28/2000	FMETL	ND	ND	ND	1.80	ND	333	20500	949	1.25	V,S,P,M
11/07/2000	FMETL	7.88	ND	17.64	15.81	ND	745	21300	898	18.0	V,S,P,M
11/07/2000D	FMETL	4.83	ND	17.69	15.47	ND	685	21200	903	1.96	V,S,P,M
02/14/2001	FMETL	ND	ND	4.22	3.75	ND	67.6	17100	697	ND	V,S,P,M
05/17/2001	FMETL	ND	ND	5.20	2.29	ND	258	9680	811	7.12	V,S,P,M
09/06/2001	FMETL	ND	ND	19.03	35.99	0.01	328	16800	651	14.1	V,S,P,M

SOURCE: 00M3MW07

Sampling Dates:
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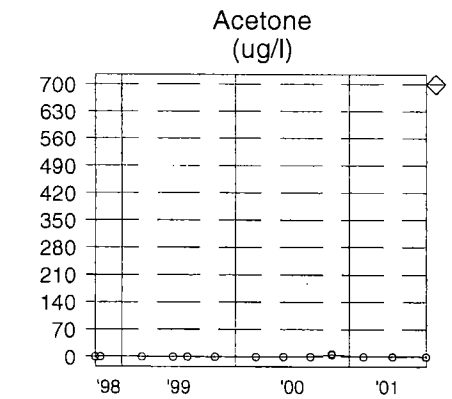

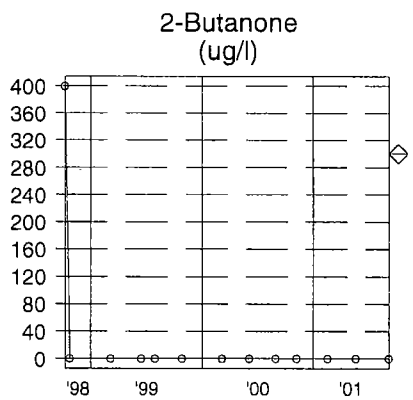

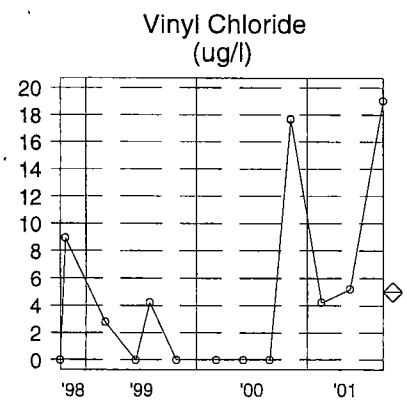

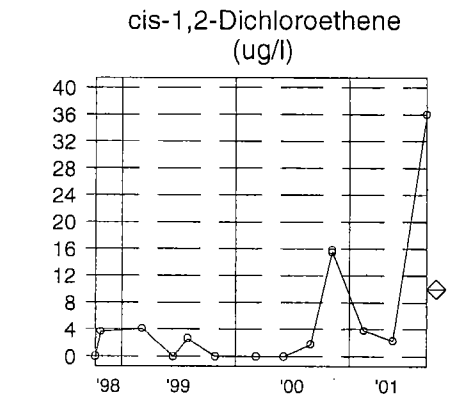

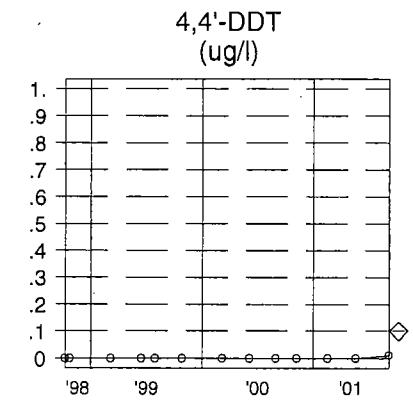

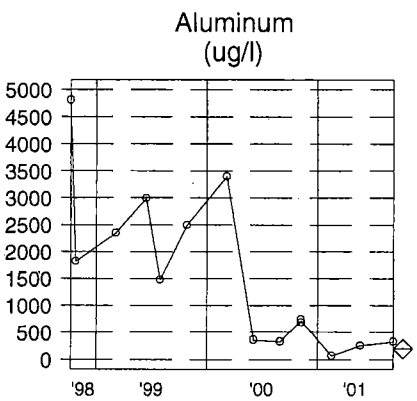

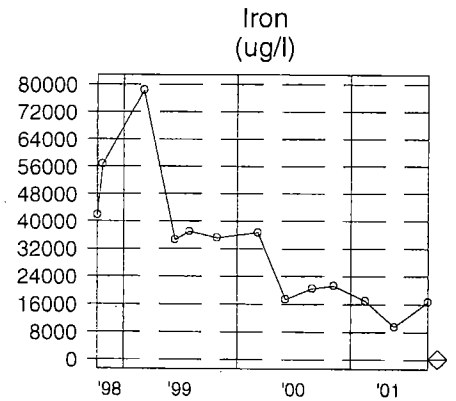

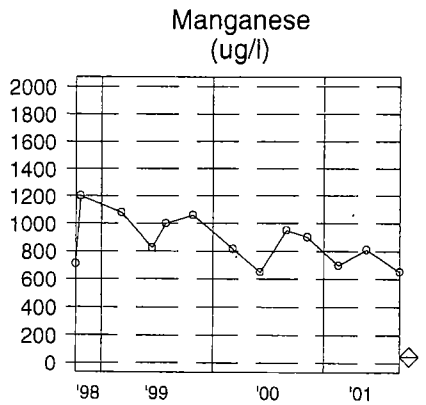

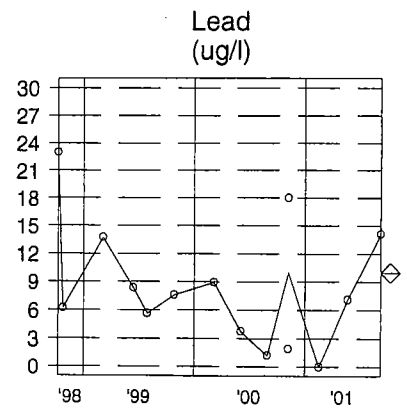

SOURCE: 00M3MW07

Sampling Dates:
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o = Date Sampled

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FORT MONMOUTH

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FORT MONMOUTH
SELFM-PW-EV

10-24-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Silver	Barium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	20	2000	NLE	NLE	100	NLE	50000	5000	-	-
10/07/1998	FMETL	ND	126	106000	91100	5.7	40900	579000	125	9.67	V,S,P,M
10/23/1998	FMETL	ND	235	204000	165000	1.32	64200	1300000	28.1	10.46	V,S,P,M
03/01/1999	FMETL	ND	516	251000	113000	5.98	36400	858000	1090	8.72	V,S,P,M
06/11/1999	FMETL	ND	372	252000	101000	2.36	33900	709000	571	9.47	V,S,P,M
07/27/1999	FMETL	ND	492	292000	156000	4.74	48500	1050000	273	10.39	V,S,P,M
10/26/1999	FMETL	ND	807	398000	261000	4.06	99900	1800000	723	10.35	V,S,P,M
03/02/2000	FMETL	ND	580	271000	136000	8.92	57000	1070000	817	9.56	V,S,P,M
06/01/2000	FMETL	ND	280	210000	90300	8.86	32200	630000	341	9.24	V,S,P,M
08/28/2000	FMETL	ND	336	213000	116000	ND	38000	1010000	222	9.17	V,S,P,M
11/07/2000	FMETL	ND	303	186000	101000	1.14	42400	828000	571	9.61	V,S,P,M
11/07/2000D	FMETL	ND	302	192000	106000	ND	41100	863000	348	9.61	V,S,P,M
02/14/2001	FMETL	ND	221	164000	77700	ND	25800	468000	89.3	10.03	V,S,P,M
05/17/2001	FMETL	4.44	135	149000	49900	1.46	17900	254000	288	10.29	V,S,P,M
09/06/2001	FMETL	5.22	155	130000	67600	10.9	27500	382000	524	10.45	V,S,P,M

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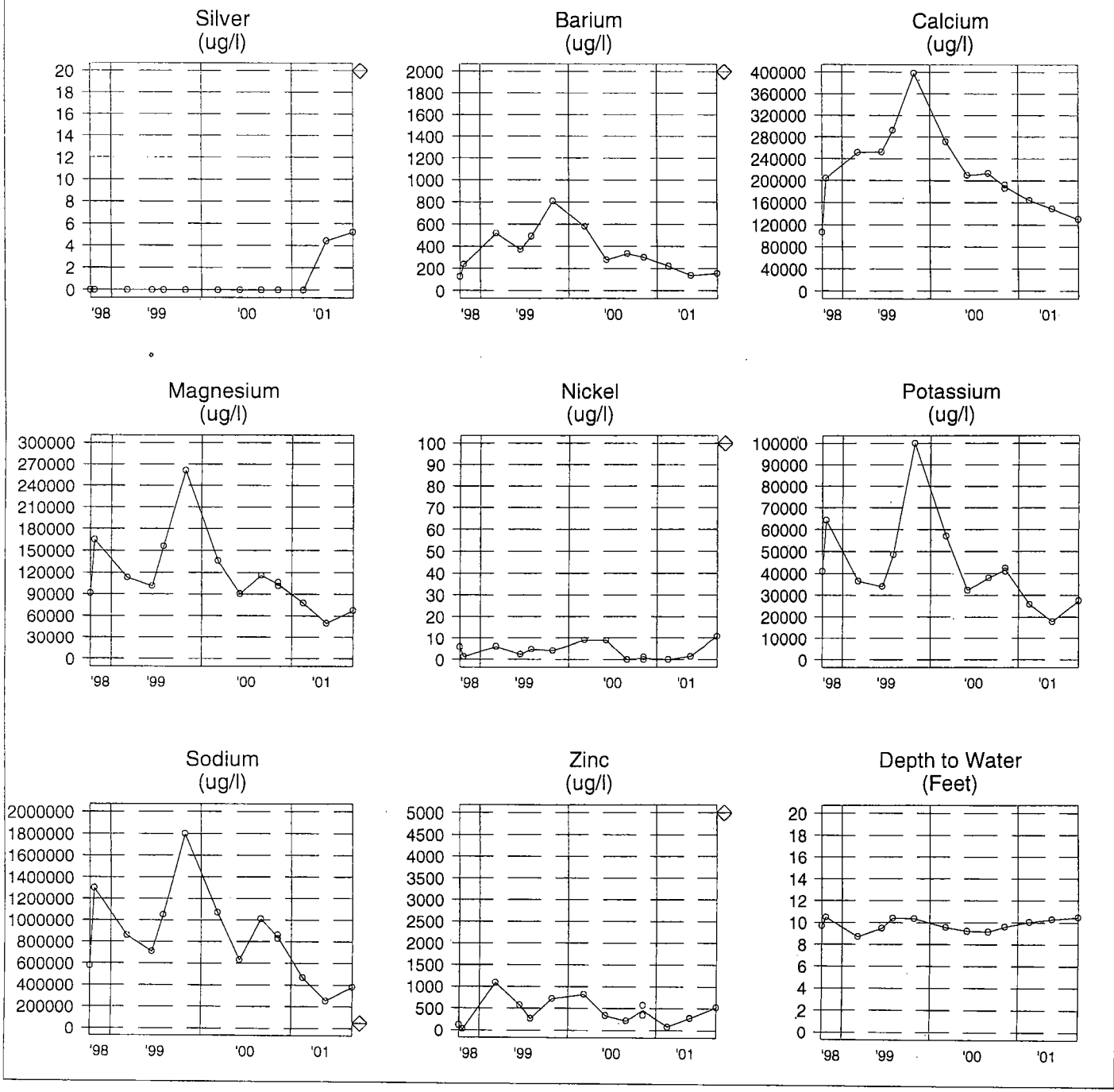

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Sampling Dates:
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SELFM-PW-EV

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	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	bis(2-Ethyl hexyl) phthalate	4,4'-DDT	4,4'-DDD	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	30	0.1	0.1	200	300	-
10/20/1998	FMETL	ND	1.01	6.34	ND	ND	ND	ND	235	55500	V,S,P,M
11/02/1998	FMETL	8.5	1.37	5.43	ND	ND	ND	ND	7030	88700	V,S,P,M
03/01/1999	FMETL	ND	1.55	ND	ND	ND	ND	ND	852	54700	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	1.22	ND	ND	0.021	747	36600	V,S,P,M
07/27/1999	FMETL	ND	1.59	2.45	1.02	ND	ND	0.018	1530	44200	V,S,P,M
10/26/1999	FMETL	ND	1.66	ND	ND	ND	ND	ND	347	39400	V,S,P,M
03/02/2000	FMETL	ND	1.44	ND	ND	2.31	ND	ND	395	37100	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	119	41700	V,S,P,M
08/28/2000	FMETL	ND	1.85	ND	ND	2.51	ND	ND	173	45600	V,S,P,M
11/07/2000	FMETL	4.34	2.08	ND	ND	1.91	ND	ND	276	54900	V,S,P,M
02/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	138	62200	V,S,P,M
05/17/2001	FMETL	ND	1.78	ND	ND	1.60	ND	0.013	62.5	43500	V,S,P,M
09/06/2001	FMETL	ND	1.65	ND	ND	ND	0.023	ND	ND	48000	V,S,P,M

SOURCE: 00M3MW08

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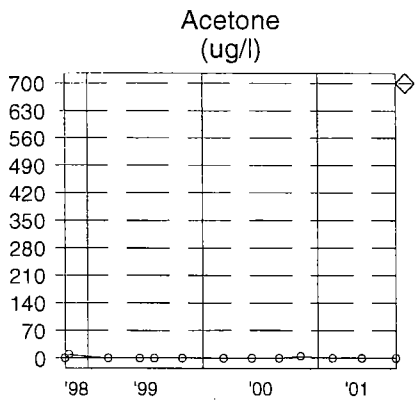
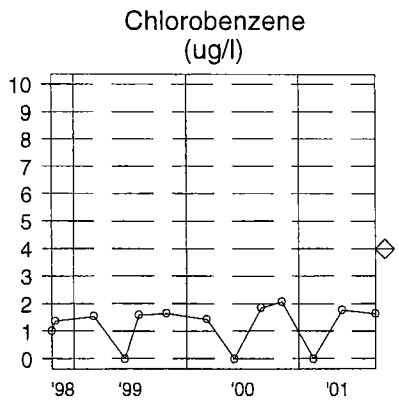
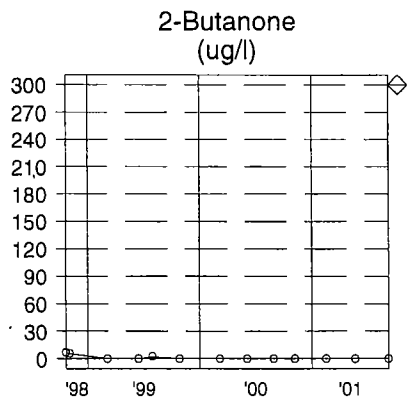
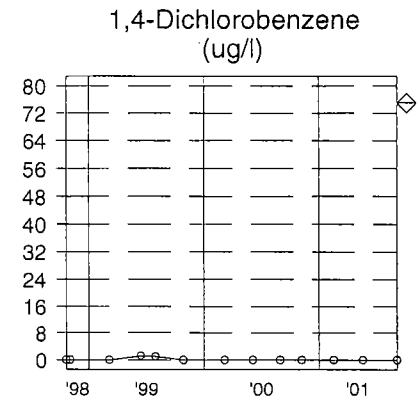
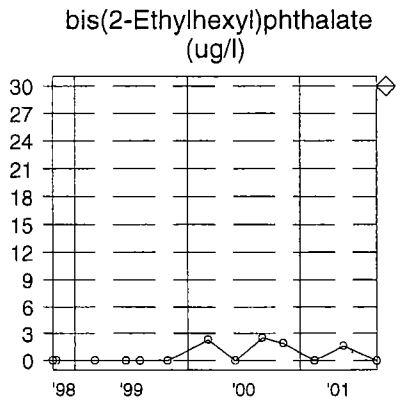
SELFM-PW-EV

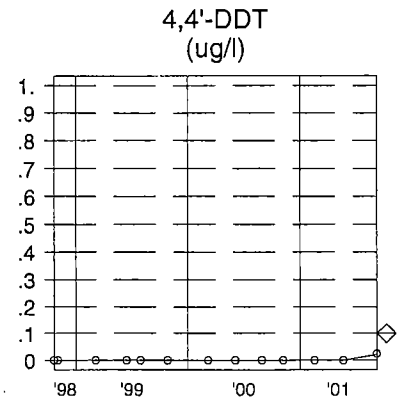


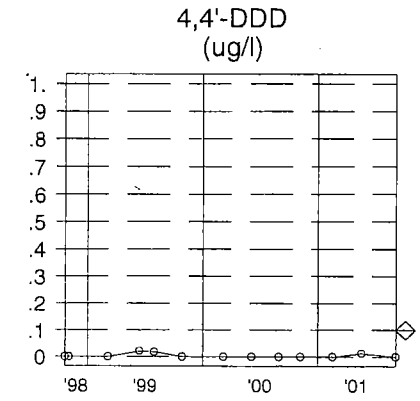


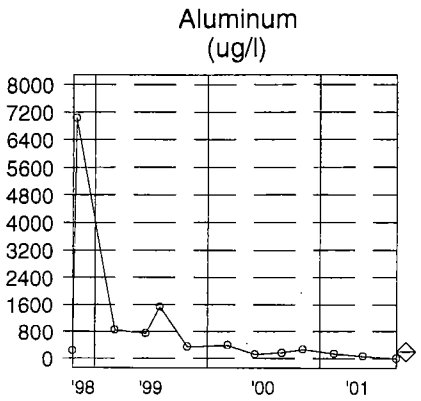


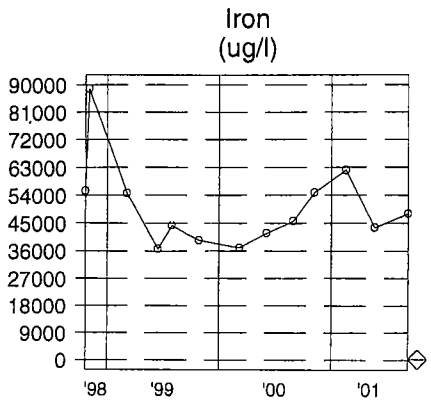












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Sampling Dates:
10/20/1998 - 09/06/2001

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 5 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-24-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	20	2000	4	NLE	NLE	100	-
10/20/1998	FMETL	1100	5.12	ND	4.61	429	ND	132000	37600	8.49	V,S,P,M
11/02/1998	FMETL	511	19.7	ND	6.41	749	ND	115000	19000	6.98	V,S,P,M
03/01/1999	FMETL	768	9.22	ND	4.68	271	ND	105000	24700	2.98	V,S,P,M
06/11/1999	FMETL	645	2.53	ND	ND	249	1.28	88600	16900	ND	V,S,P,M
07/27/1999	FMETL	855	4.49	ND	ND	404	0.95	122000	29000	2.90	V,S,P,M
10/26/1999	FMETL	1210	2.63	ND	3.26	559	0.897	214000	81000	2.25	V,S,P,M
03/02/2000	FMETL	527	ND	ND	ND	274	ND	87400	27400	5.3	V,S,P,M
06/01/2000	FMETL	575	5.57	ND	ND	233	ND	81300	19300	11.1	V,S,P,M
08/28/2000	FMETL	722	2.29	ND	2.54	352	ND	100000	19200	ND	V,S,P,M
11/07/2000	FMETL	782	55.3	ND	ND	413	ND	101000	17700	7.62	V,S,P,M
02/14/2001	FMETL	629	ND	ND	ND	380	ND	72600	16500	ND	V,S,P,M
05/17/2001	FMETL	616	2.57	ND	ND	287	2.66	70400	10900	ND	V,S,P,M
09/06/2001	FMETL	711	8.70	3.37	ND	380	1.44	83200	11800	3.81	V,S,P,M

SOURCE: 00M3MW08

Sampling Dates:
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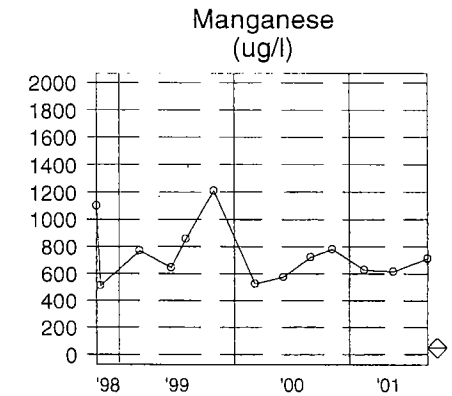

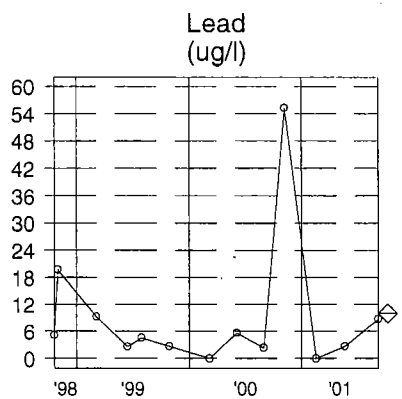

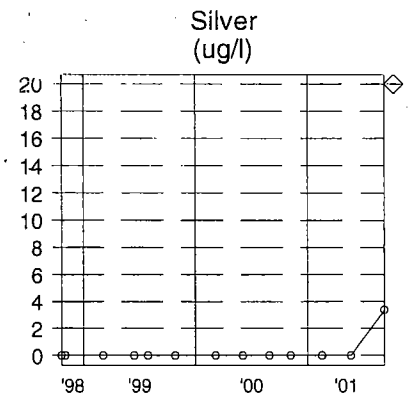

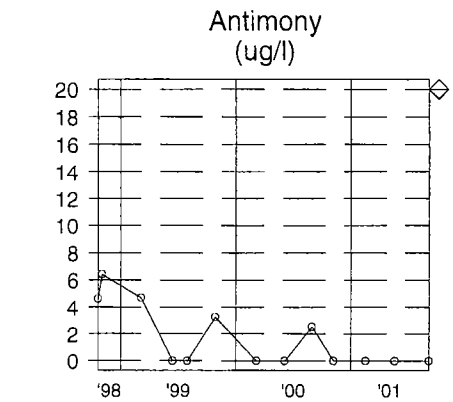

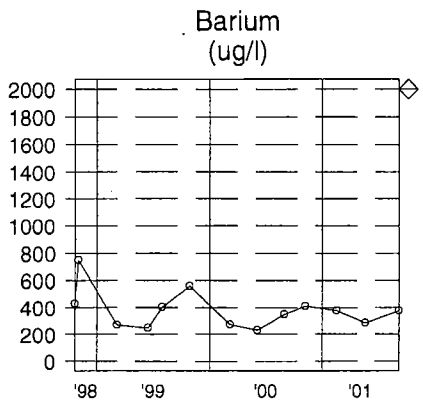

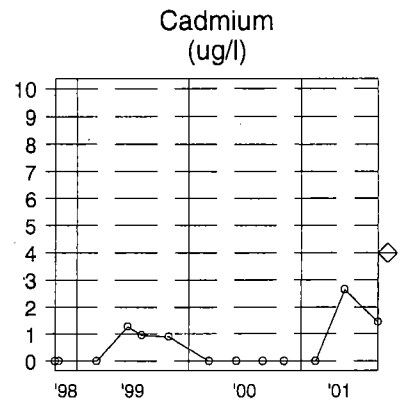

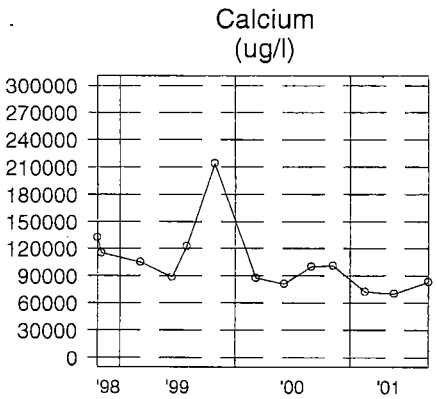

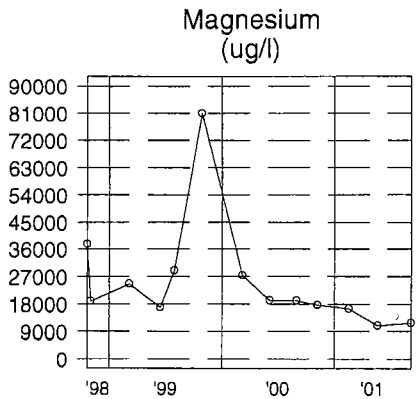

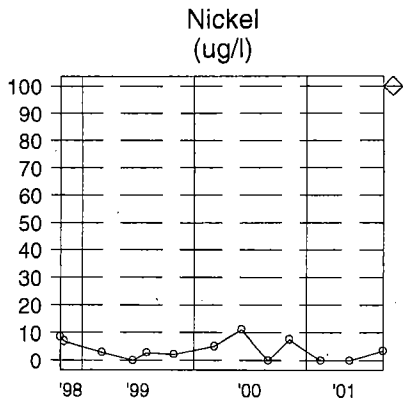

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SELFM-PW-EV

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	Lab	Potassium	Sodium	Zinc	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	NLE	50000	5000	-						-
10/20/1998	FMETL	25900	168000	220	7.16						V,S,P,M
11/02/1998	FMETL	24400	12100	107	7.16						V,S,P,M
03/01/1999	FMETL	8910	118000	143	5.71						V,S,P,M
06/11/1999	FMETL	7740	60100	61.6	6.50						V,S,P,M
07/27/1999	FMETL	11500	149000	91.8	6.93						V,S,P,M
10/26/1999	FMETL	22400	593000	30.3	7.60						V,S,P,M
03/02/2000	FMETL	9300	174000	54.7	6.23						V,S,P,M
06/01/2000	FMETL	6610	69800	61.4	5.97						V,S,P,M
08/28/2000	FMETL	7830	63200	35.7	5.65						V,S,P,M
11/07/2000	FMETL	7280	36900	541	6.17						V,S,P,M
02/14/2001	FMETL	5900	32500	25.8	5.62						V,S,P,M
05/17/2001	FMETL	4710	15600	23.8	6.00						V,S,P,M
09/06/2001	FMETL	6250	15200	156	6.60						V,S,P,M

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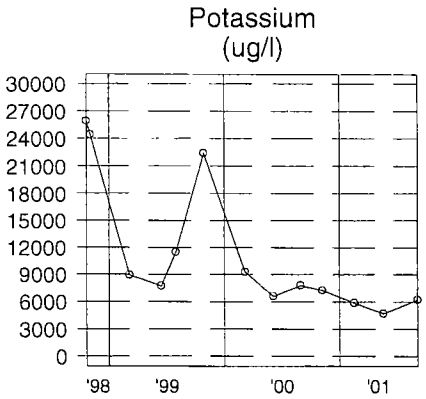

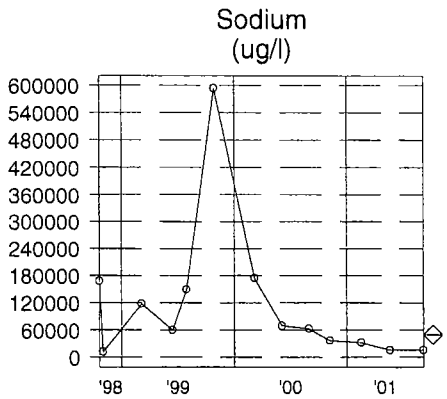

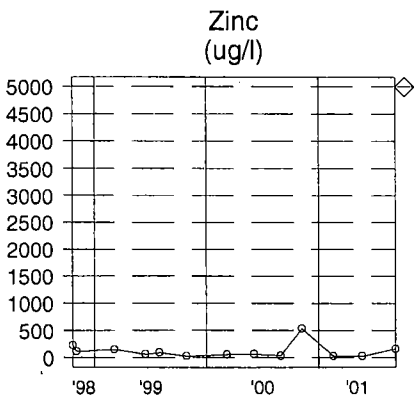

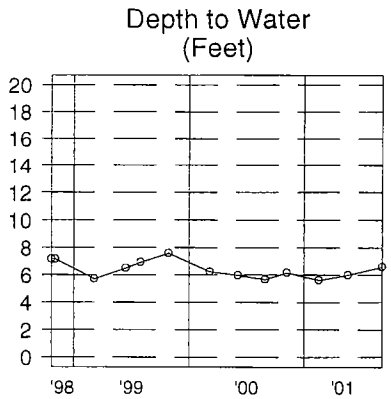

SOURCE: 00M3MW08

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FORT MONMOUTH
SELFM-PW-EV

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	Lab	Acetone	Chloro benzene	2-Butanone	Benzene	1,4-Di chloro benzene	1,2-Di chloro benzene	bis(2-Ethyl hexyl) phthalate	4,4'-DDE	4,4'-DDT	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	1	75	600	30	0.1	0.1	-
10/07/1998	FMETL	4.66	16.36	6.53	1.18	2.73	1.07	ND	0.104	0.432	V,S,P,M
10/23/1998	FMETL	ND	17.33	ND	1.33	2.61	1.05	ND	0.02	0.038	V,S,P,M
03/01/1999	FMETL	ND	14.25	ND	ND	ND	ND	ND	0.026	0.023	V,S,P,M
06/11/1999	FMETL	ND	10.22	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
07/27/1999	FMETL	ND	11.69	ND	ND	2.00	ND	ND	ND	0.041	V,S,P,M
10/26/1999	FMETL	ND	17.37	ND	1.25	2.48	ND	ND	ND	ND	V,S,P,M
03/02/2000	FMETL	ND	15.64	ND	ND	2.27	ND	2.93	0.021	0.062	V,S,P,M
06/01/2000	FMETL	ND	15.39	ND	ND	2.51	ND	3.44	ND	ND	V,S,P,M
08/28/2000	FMETL	ND	20.54	ND	ND	1.87	ND	3.29	ND	ND	V,S,P,M
11/07/2000	FMETL	4.22	16.01	ND	ND	1.46	ND	3.13	ND	ND	V,S,P,M
02/14/2001	FMETL	ND	14.74	ND	ND	1.33	ND	1.59	ND	ND	V,S,P,M
05/17/2001	FMETL	ND	15.66	ND	ND	1.96	ND	3.00	ND	ND	V,S,P,M
09/06/2001	FMETL	ND	17.23	ND	ND	2.43	ND	2.64	ND	ND	V,S,P,M

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Sampling Dates:
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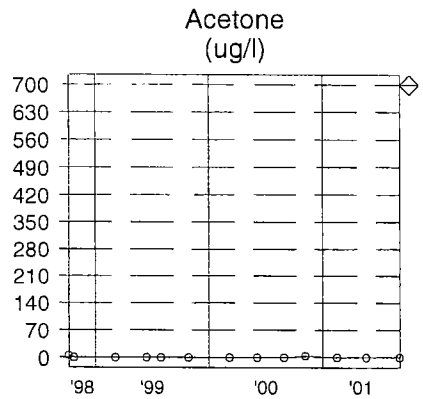

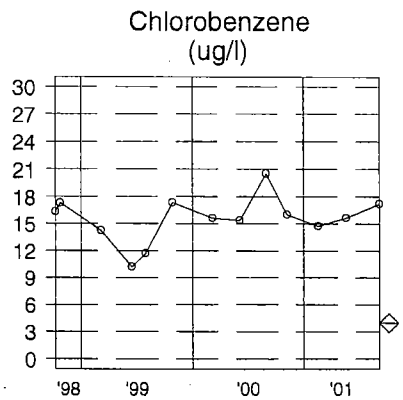

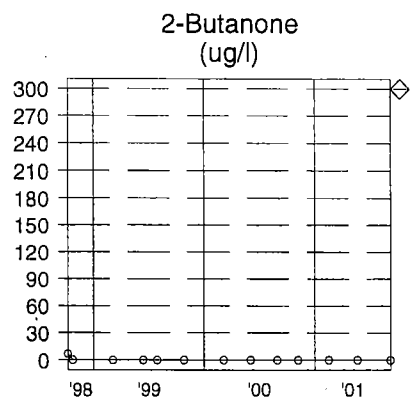

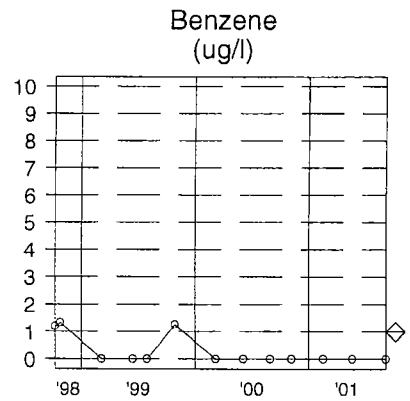

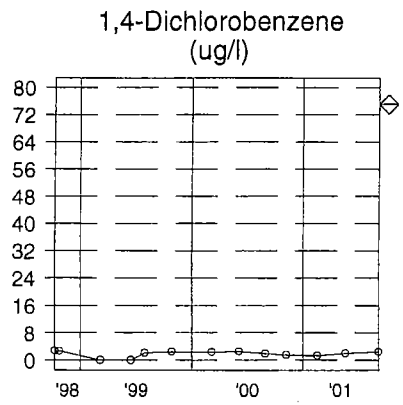

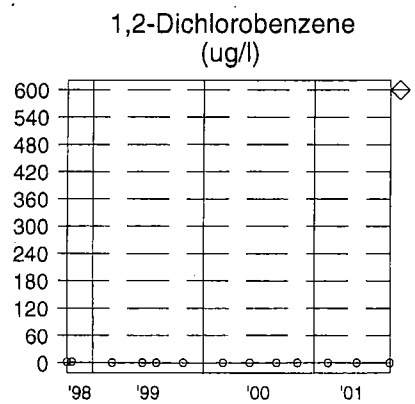

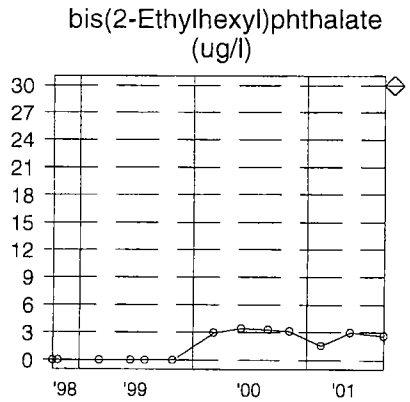

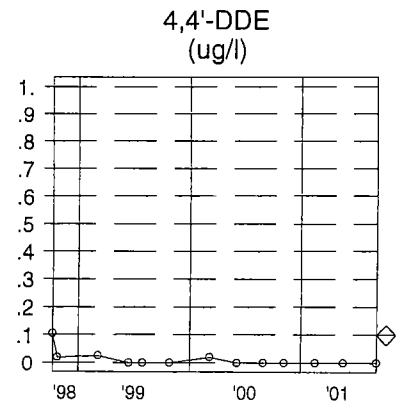

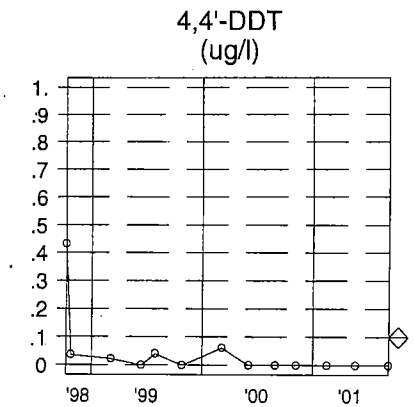

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	Lab	4,4'-DDD	Aluminum	Iron	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	0.1	200	300	50	10	20	2000	4	NLE	-
10/07/1998	FMETL	0.713	1040	17400	90.9	ND	ND	73	ND	31200	V,S,P,M
10/23/1998	FMETL	0.132	1380	73900	476	32.7	3.7	371	ND	62600	V,S,P,M
03/01/1999	FMETL	0.167	337	60400	1740	8.46	4.91	430	1.26	82400	V,S,P,M
06/11/1999	FMETL	0.057	741	64100	595	10.6	ND	332	1.85	65400	V,S,P,M
07/27/1999	FMETL	0.108	ND	31.1	2.12	ND	ND	ND	ND	244	V,S,P,M
10/26/1999	FMETL	ND	832	82100	534	9.02	ND	401	3.58	66700	V,S,P,M
03/02/2000	FMETL	0.134	603	69800	772	2.32	ND	412	ND	72700	V,S,P,M
06/01/2000	FMETL	ND	202	70600	758	4.60	ND	414	ND	73800	V,S,P,M
08/28/2000	FMETL	ND	257	66500	723	4.72	ND	376	ND	71400	V,S,P,M
11/07/2000	FMETL	ND	195	61700	666	ND	ND	417	ND	67900	V,S,P,M
02/14/2001	FMETL	ND	73.4	62400	974	ND	ND	402	ND	68800	V,S,P,M
05/17/2001	FMETL	ND	97.0	59500	694	2.93	ND	333	3.77	59300	V,S,P,M
09/06/2001	FMETL	0.020	1040	78300	660	34.1	ND	375	3.38	63700	V,S,P,M

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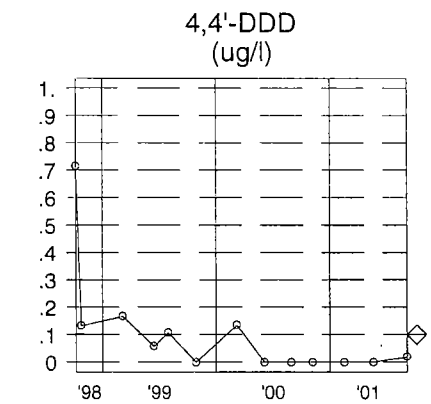

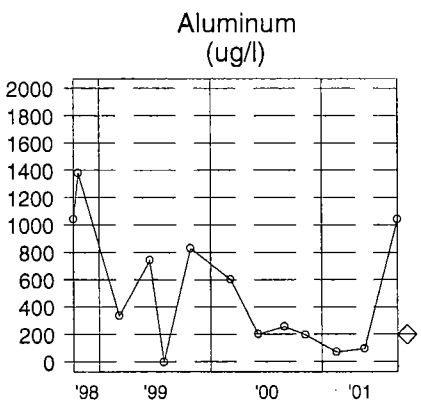

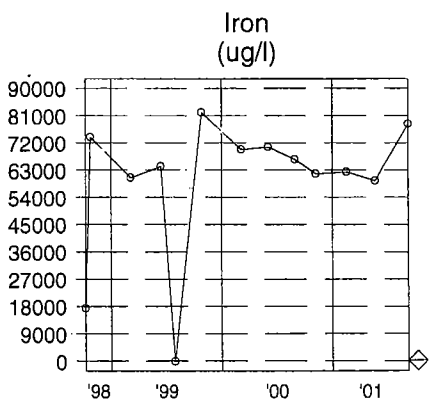

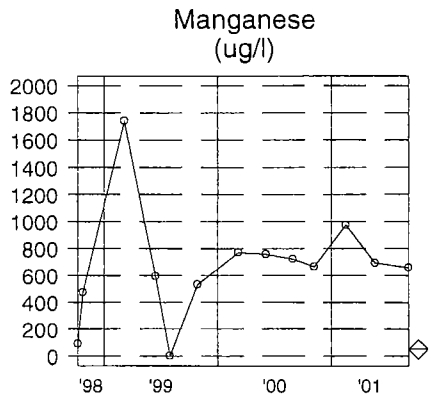

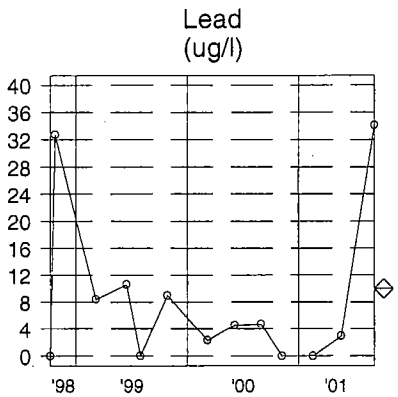

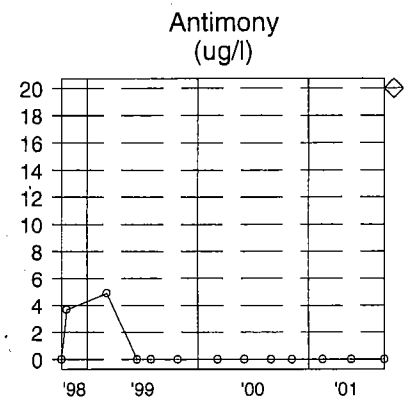

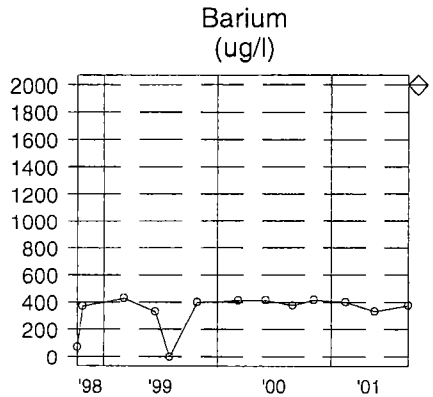

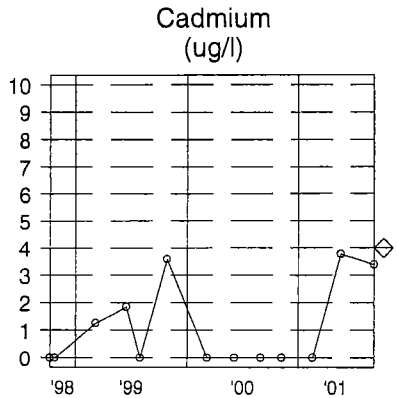

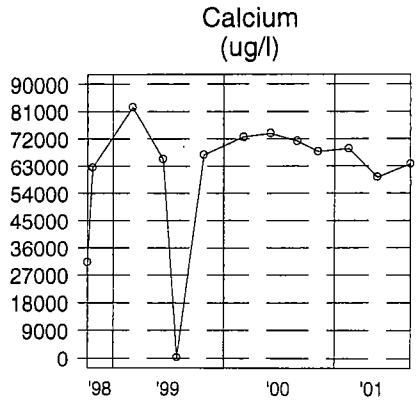

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FORT MONMOUTH
SELFM-PW-EV

10-24-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/07/1998	FMETL	2520	ND	9390	2720	25	11.48				V,S,P,M
10/23/1998	FMETL	12900	3.14	13100	12100	60.6	11.74				V,S,P,M
03/01/1999	FMETL	19800	22.9	13600	46900	1150	10.75				V,S,P,M
06/11/1999	FMETL	13300	ND	9910	16300	109	11.37				V,S,P,M
07/27/1999	FMETL	54.5	1.15	292	575	7.07	11.52				V,S,P,M
10/26/1999	FMETL	14000	8.89	10900	27500	212	11.34				V,S,P,M
03/02/2000	FMETL	16100	1.17	9870	17300	84.6	11.23				V,S,P,M
06/01/2000	FMETL	15900	9.28	9480	23200	70.8	11.05				V,S,P,M
08/28/2000	FMETL	15100	ND	10300	14600	50.1	10.73				V,S,P,M
11/07/2000	FMETL	14300	ND	10200	13400	46.9	11.29				V,S,P,M
02/14/2001	FMETL	15500	ND	8840	12100	21.6	11.02				V,S,P,M
05/17/2001	FMETL	12200	ND	8030	13000	52.5	11.11				V,S,P,M
09/06/2001	FMETL	14100	4.13	10100	10200	405	11.38				V,S,P,M

SOURCE: 00M3MW09

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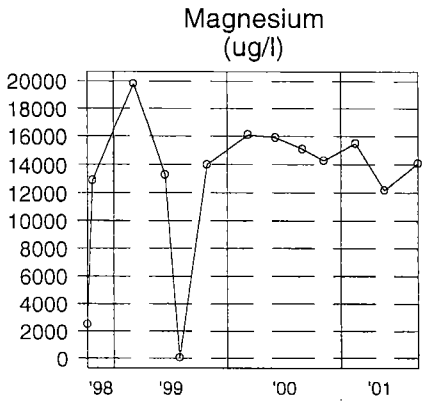

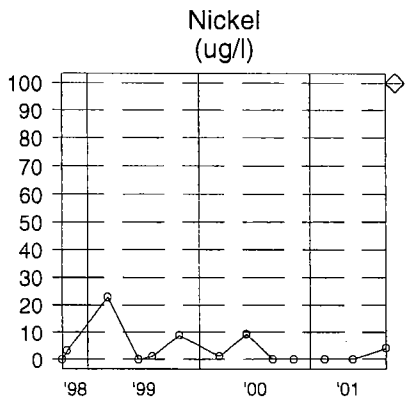

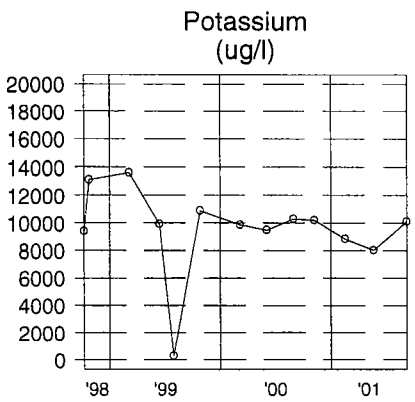

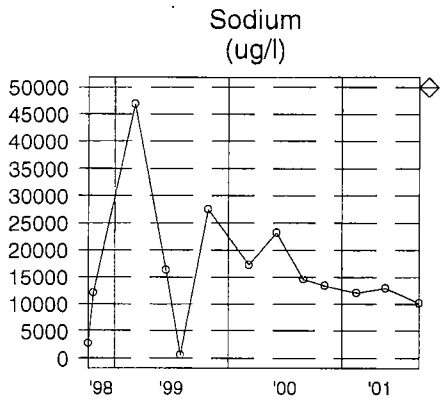

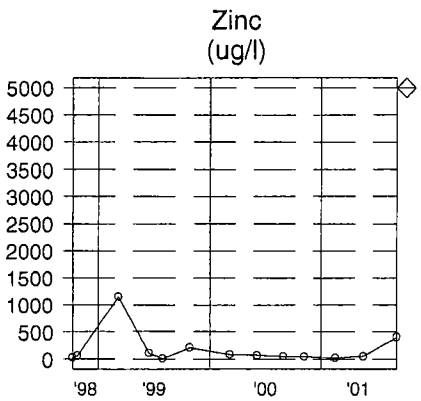

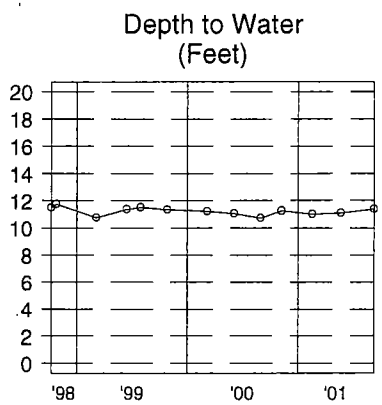

SOURCE: 00M3MW09

Sampling Dates:
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FORT MONMOUTH

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FORT MONMOUTH
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	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	Acenaph thene	Fluorene	bis(2-Ethyl hexyl) phthalate	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	400	300	30	200	300	-
10/20/1998	FMETL	7.87	17.07	5.16	1.78	ND	ND	ND	1960	57400	V,S,P,M
11/02/1998	FMETL	6.94	19.19	ND	2.05	ND	ND	ND	1570	61300	V,S,P,M
03/01/1999	FMETL	ND	20.08	ND	1.79	2.55	ND	ND	1540	103000	V,S,P,M
06/11/1999	FMETL	ND	16.27	14.14	ND	1.25	ND	ND	1180	66100	V,S,P,M
07/27/1999	FMETL	3.59	15.90	4.57	1.99	1.23	ND	ND	317	67700	V,S,P,M
10/26/1999	FMETL	ND	19.56	ND	2.13	1.78	1.33	ND	268	62300	V,S,P,M
03/02/2000	FMETL	ND	15.34	ND	1.89	1.18	1.04	2.06	2330	91200	V,S,P,M
06/01/2000	FMETL	ND	11.80	ND	1.45	1.40	1.02	2.15	187	62300	V,S,P,M
08/28/2000	FMETL	ND	18.05	ND	1.62	1.97	1.43	2.66	910	64400	V,S,P,M
11/07/2000	FMETL	7.00	18.59	ND	1.38	1.81	1.19	1.60	397	64800	V,S,P,M
02/14/2001	FMETL	ND	13.84	ND	ND	1.03	ND	ND	97.0	84400	V,S,P,M
05/17/2001	FMETL	10.05	15.98	ND	1.22	1.24	ND	1.36	827	66700	V,S,P,M
09/06/2001	FMETL	ND	15.80	ND	1.37	1.47	1.13	1.50	925	62300	V,S,P,M

SOURCE: 00M3MW10

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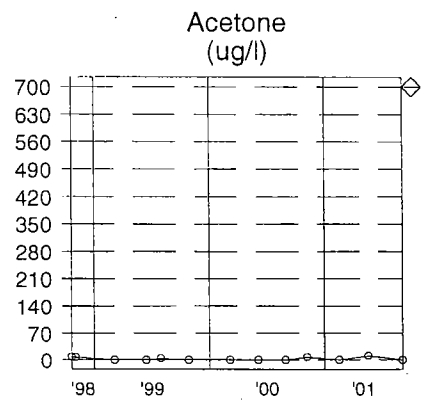

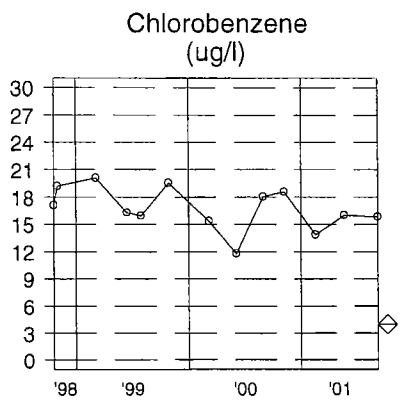

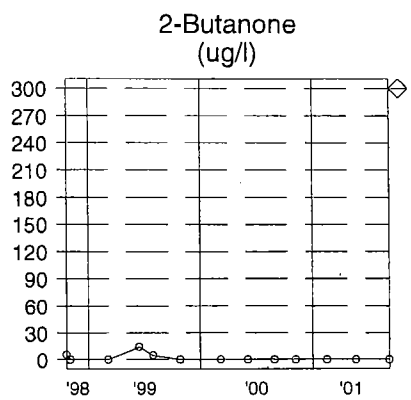

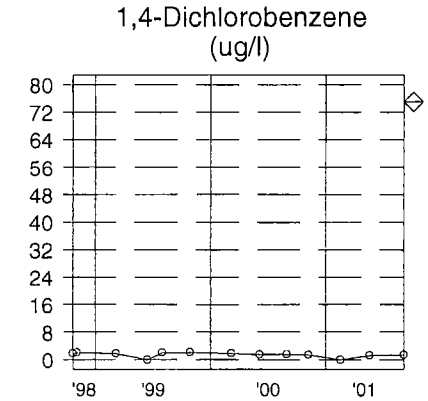

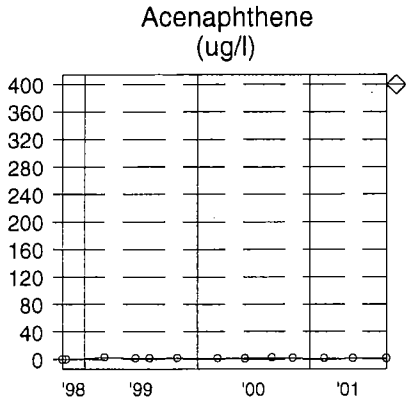

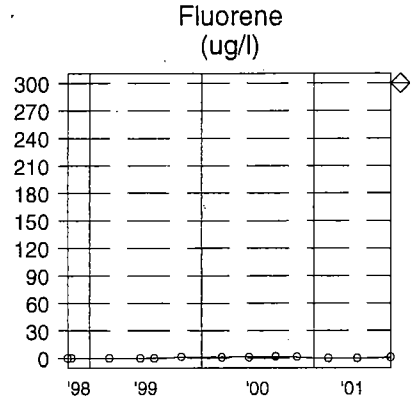

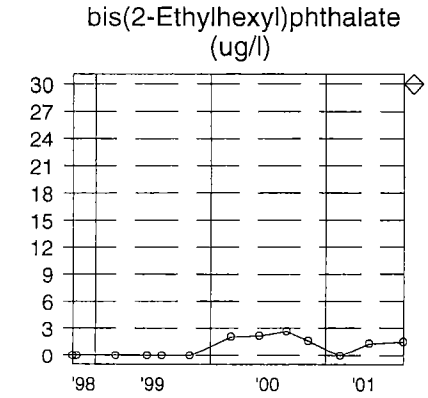

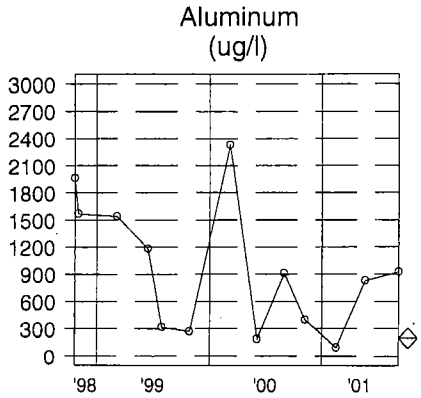

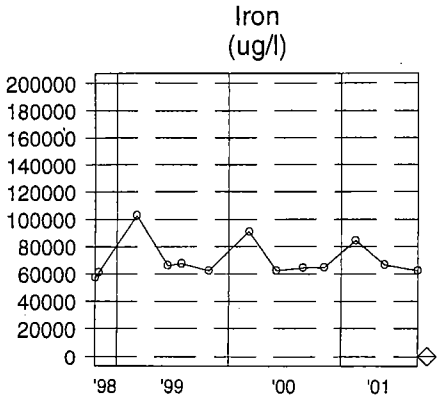

SOURCE: 00M3MW10

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LEGEND:

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NJDEP Criteria

FORT MONMOUTH

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FORT MONMOUTH
SELFM-PW-EV

10-24-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	20	2000	4	NLE	NLE	100	-
10/20/1998	FMETL	405	9.95	ND	ND	561	ND	91700	14100	1.59	V,S,P,M
11/02/1998	FMETL	993	9.2	ND	4.67	513	ND	139000	37100	4.62	V,S,P,M
03/01/1999	FMETL	761	9.86	ND	2.79	947	ND	119000	19700	28	V,S,P,M
06/11/1999	FMETL	708	2.58	ND	ND	592	ND	108000	17300	ND	V,S,P,M
07/27/1999	FMETL	866	7.30	ND	ND	345	1.58	66200	13900	5.49	V,S,P,M
10/26/1999	FMETL	662	ND	ND	ND	635	ND	110000	17900	ND	V,S,P,M
03/02/2000	FMETL	682	ND	ND	ND	760	ND	95500	16200	1.62	V,S,P,M
06/01/2000	FMETL	735	ND	ND	2.32	678	ND	109000	17300	11.6	V,S,P,M
08/28/2000	FMETL	564	1.60	ND	ND	604	ND	104000	16200	ND	V,S,P,M
11/07/2000	FMETL	588	ND	ND	ND	689	ND	110000	16500	ND	V,S,P,M
02/14/2001	FMETL	630	ND	ND	ND	762	2.93	92600	14800	ND	V,S,P,M
05/17/2001	FMETL	553	4.31	4.00	ND	625	4.08	97500	15500	1.92	V,S,P,M
09/06/2001	FMETL	525	5.64	ND	ND	655	2.05	105000	16500	ND	V,S,P,M

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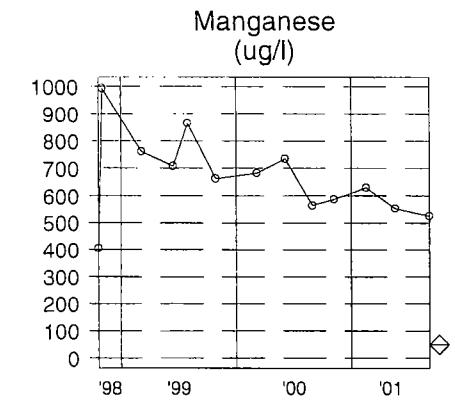

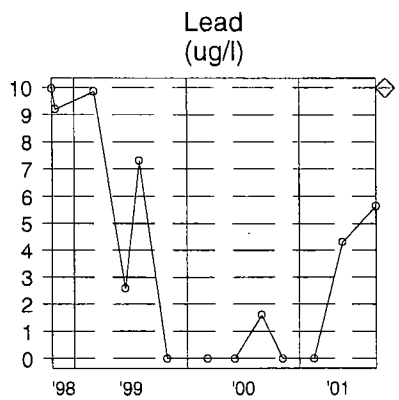

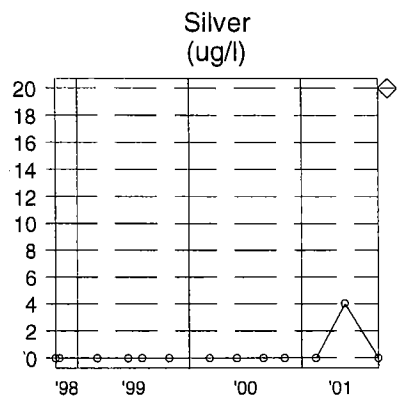

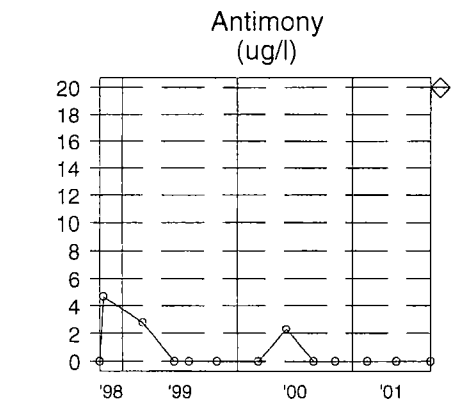

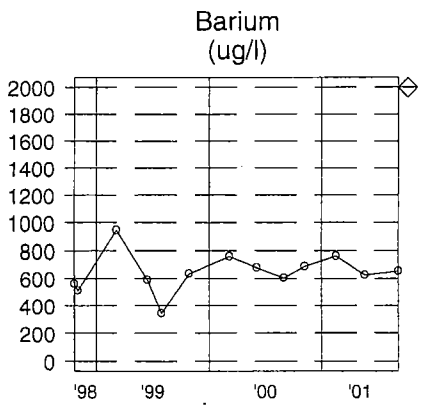

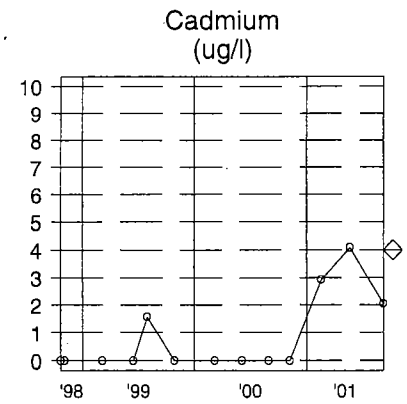

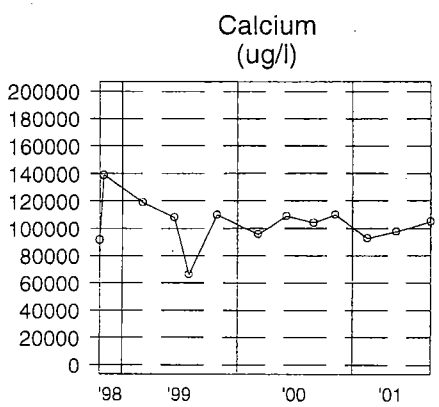

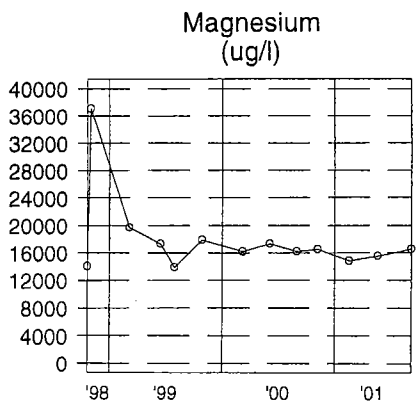

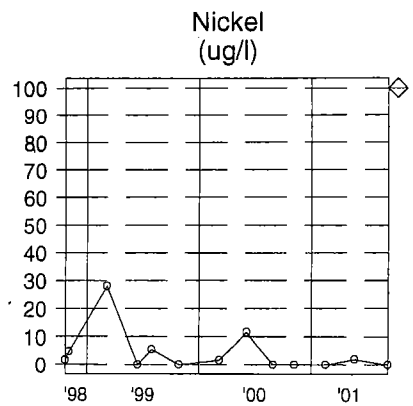

SOURCE: 00M3MW10

Sampling Dates:
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NJDEP Criteria

FORT MONMOUTH

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	Lab	Potassium	Sodium	Zinc	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	NLE	50000	5000	-						-
10/20/1998	FMETL	15000	15500	35.2	6.11						V,S,P,M
11/02/1998	FMETL	20600	154000	229	6.11						V,S,P,M
03/01/1999	FMETL	13500	16500	144	5.03						V,S,P,M
06/11/1999	FMETL	12800	17300	28.8	5.76						V,S,P,M
07/27/1999	FMETL	11900	24900	91.5	6.08						V,S,P,M
10/26/1999	FMETL	12500	25600	8.12	5.61						V,S,P,M
03/02/2000	FMETL	10400	14400	83.8	5.30						V,S,P,M
06/01/2000	FMETL	10300	14400	19.3	5.53						V,S,P,M
08/28/2000	FMETL	11700	16200	42.2	5.31						V,S,P,M
11/07/2000	FMETL	11400	16400	23.5	5.85						V,S,P,M
02/14/2001	FMETL	8440	12300	21.9	5.18						V,S,P,M
05/17/2001	FMETL	9390	13900	33.1	5.53						V,S,P,M
09/06/2001	FMETL	11300	15300	27.8	8.10						V,S,P,M

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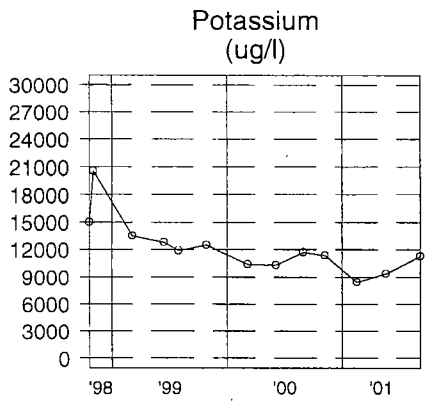

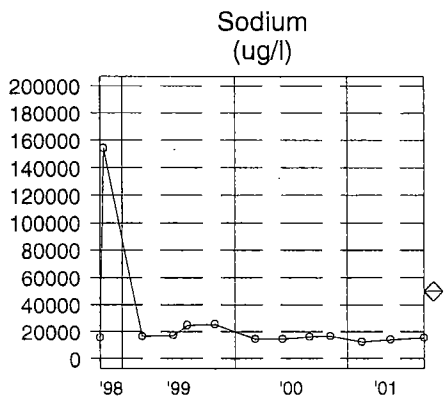

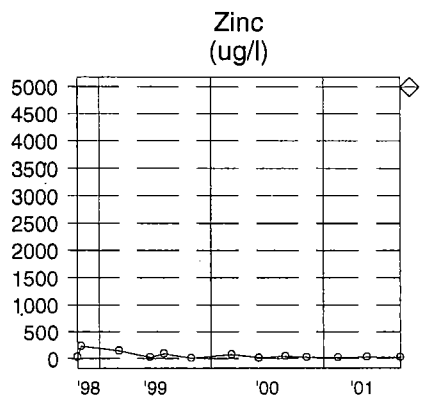

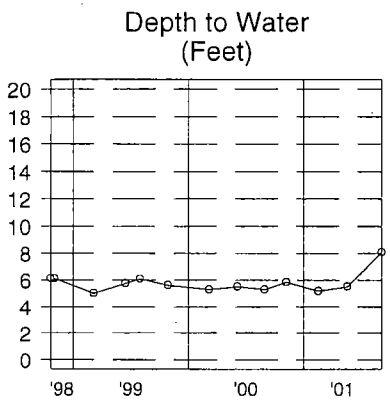

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FORT MONMOUTH
SELFM-PW-EV

10-24-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	1,2-Di chloro benzene	Acenaph thene	Fluorene	4,4'-DDD	Aluminum	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	600	400	300	0.1	200	-
10/07/1998	FMETL	8.14	5.03	24.47	2.46	ND	ND	ND	0.04	3480	V,S,P,M
10/23/1998	FMETL	ND	5.56	4.23	2.6	ND	ND	ND	ND	500	V,S,P,M
03/02/1999	FMETL	ND	2.66	ND	ND	ND	ND	ND	ND	6840	V,S,P,M
06/11/1999	FMETL	ND	5.44	ND	1.57	ND	1.14	1.18	0.079	7620	V,S,P,M
07/27/1999	FMETL	ND	5.60	ND	2.99	ND	1.21	1.19	0.044	7580	V,S,P,M
10/26/1999	FMETL	ND	6.28	ND	3.44	ND	1.84	1.84	ND	2750	V,S,P,M
03/02/2000	FMETL	ND	3.26	ND	1.40	ND	ND	ND	ND	1330	V,S,P,M
06/01/2000	FMETL	ND	3.56	ND	1.58	ND	1.16	1.01	ND	2160	V,S,P,M
06/01/2000D	FMETL	ND	3.50	ND	ND	ND	1.32	1.14	ND	1370	V,S,P,M
08/28/2000	FMETL	ND	3.27	ND	1.17	ND	1.16	1.12	ND	1250	V,S,P,M
11/07/2000	FMETL	ND	5.65	ND	2.87	1.30	1.44	1.32	ND	1380	V,S,P,M
02/14/2001	FMETL	ND	1.64	ND	ND	ND	ND	ND	ND	289	V,S,P,M
05/17/2001	FMETL	4.52	3.97	ND	1.31	ND	ND	ND	0.024	858	V,S,P,M
09/06/2001	FMETL	ND	4.43	ND	1.82	ND	1.28	1.18	ND	702	V,S,P,M

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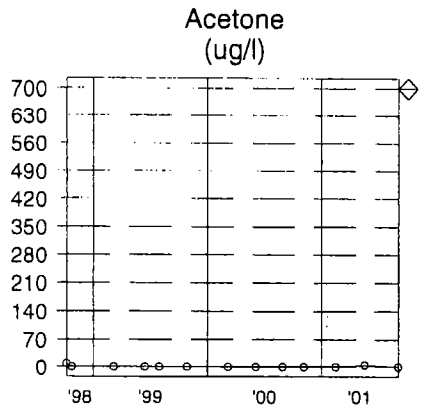
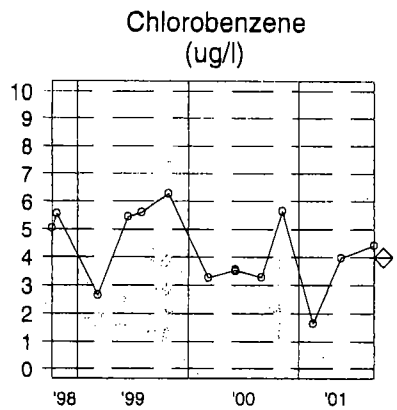
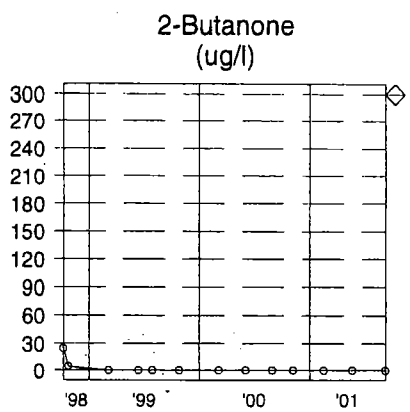
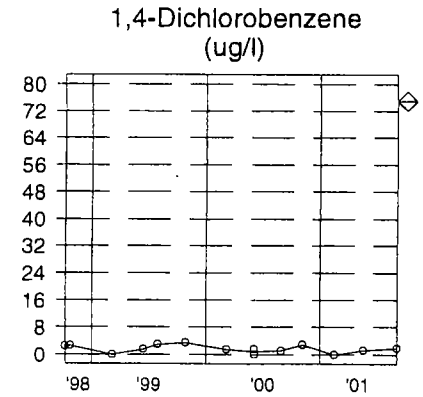
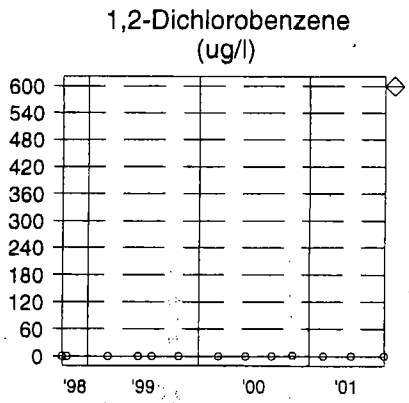
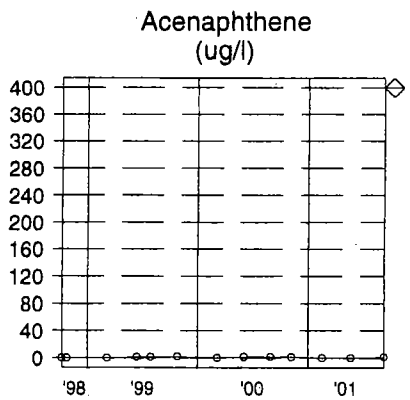


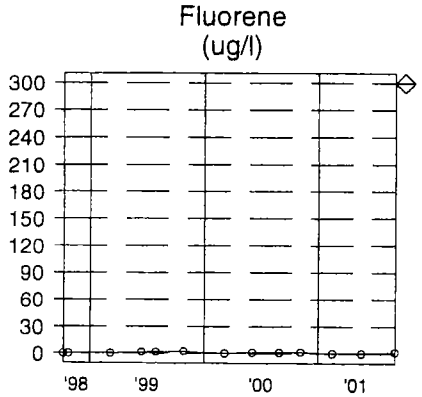


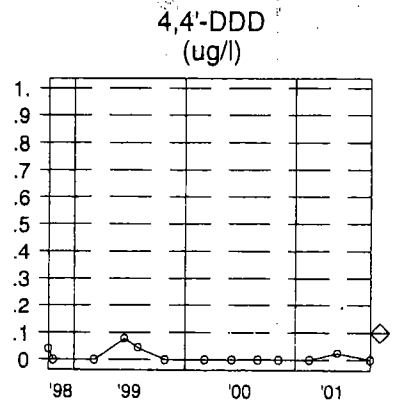


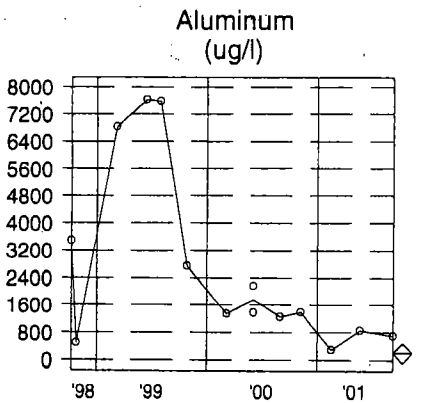












SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 09/06/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-24-2001 x:\mtech46\lm\m-3\gw\m-3.wsf

	Lab	Iron	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	300	50	10	20	20	2000	4	NLE	NLE	-
10/07/1998	FMETL	62200	588	11	ND	ND	393	1.2	116000	10300	V,S,P,M
10/23/1998	FMETL	49900	549	3.83	ND	2.52	341	ND	108000	9020	V,S,P,M
03/02/1999	FMETL	73200	1780	11.2	ND	4.45	279	12.3	185000	14500	V,S,P,M
06/11/1999	FMETL	82400	956	15.2	ND	ND	529	47.3	108000	10200	V,S,P,M
07/27/1999	FMETL	77800	897	22.3	ND	ND	472	14.6	117000	11400	V,S,P,M
10/26/1999	FMETL	65800	822	7.95	ND	ND	468	7.61	112000	9970	V,S,P,M
03/02/2000	FMETL	47300	1020	ND	1.74	ND	287	15	151000	13000	V,S,P,M
06/01/2000	FMETL	64800	1010	17.8	ND	2.68	436	19.1	133000	11300	V,S,P,M
06/01/2000D	FMETL	59300	1020	6.21	ND	2.69	408	11.7	134000	11300	V,S,P,M
08/28/2000	FMETL	50600	1890	4.17	3.56	ND	271	12.7	133000	11000	V,S,P,M
11/07/2000	FMETL	63600	873	4.35	ND	ND	464	8.89	115000	10000	V,S,P,M
02/14/2001	FMETL	43300	1400	ND	ND	ND	330	6.31	163000	13000	V,S,P,M
05/17/2001	FMETL	48500	910	5.52	2.35	ND	263	6.91	99700	8600	V,S,P,M
09/06/2001	FMETL	52400	702	6.09	ND	ND	330	4.48	115000	9960	V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 09/06/2001

NOTES:

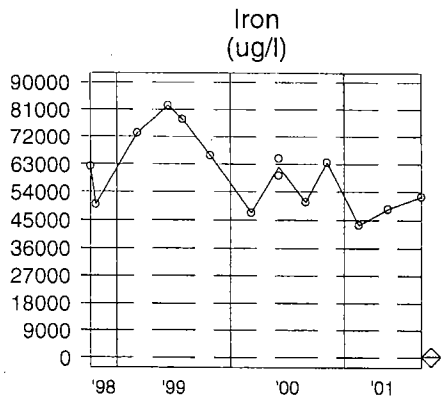
Page 2 of 3

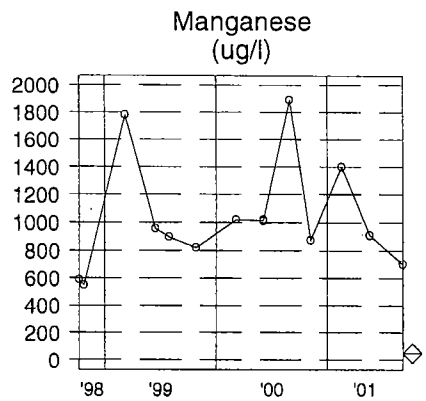
FORT MONMOUTH

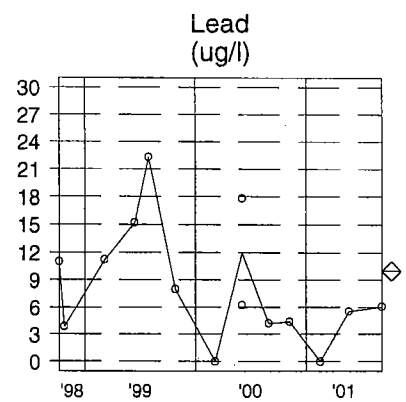
GW MONITORING
M-3

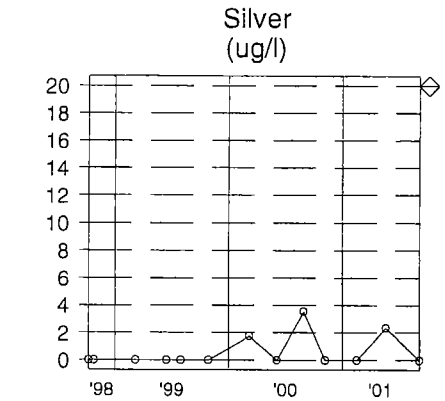
Source 8 of 8

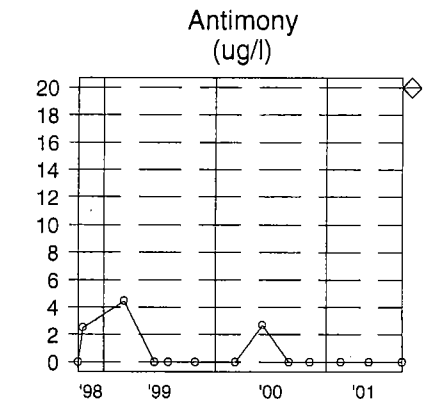
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

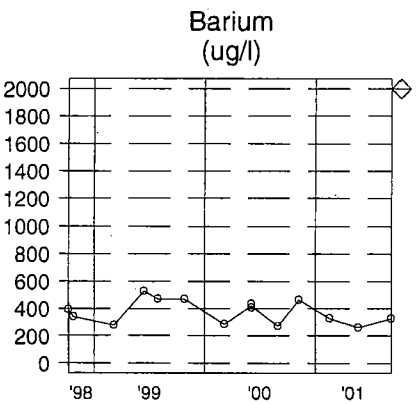


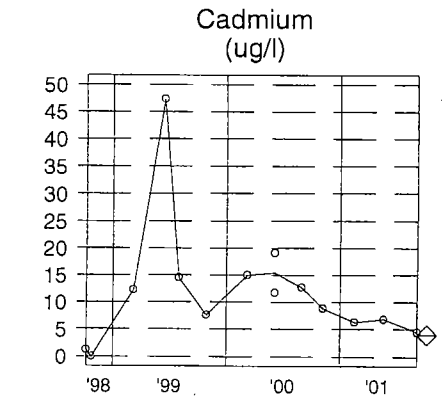


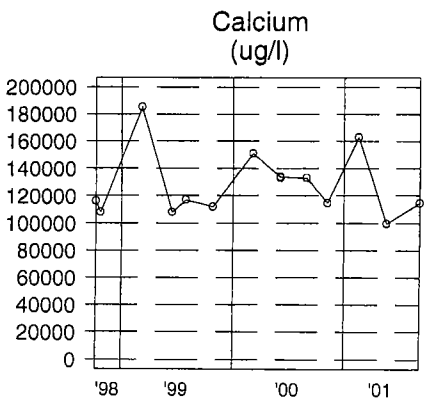


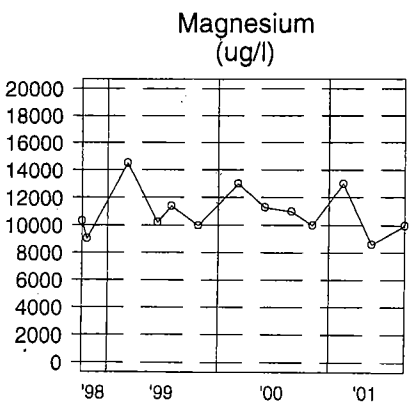












SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 09/06/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-24-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
10/07/1998	FMETL	29	12100	13600	435	8.56					V,S,P,M
10/23/1998	FMETL	6.2	8620	7180	98.2	8.63					V,S,P,M
03/02/1999	FMETL	263	8110	14800	3350	7.65					V,S,P,M
06/11/1999	FMETL	79.8	8430	10700	1850	8.27					V,S,P,M
07/27/1999	FMETL	157	9960	10900	2320	8.55					V,S,P,M
10/26/1999	FMETL	24.2	8450	11100	330	8.03					V,S,P,M
03/02/2000	FMETL	359	7320	13200	6050	7.72					V,S,P,M
06/01/2000	FMETL	104	6780	10200	1550	7.93					V,S,P,M
06/01/2000D	FMETL	87.8	6600	10600	1140	7.93					V,S,P,M
08/28/2000	FMETL	469	7090	11300	3850	8.73					V,S,P,M
11/07/2000	FMETL	38.0	7190	9290	1060	8.05					V,S,P,M
02/14/2001	FMETL	530	7190	20100	3140	7.25					V,S,P,M
05/17/2001	FMETL	116	5480	ND	1880	7.81					V,S,P,M
09/06/2001	FMETL	36.7	6770	5790	731	8.48					V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 09/06/2001

NOTES:

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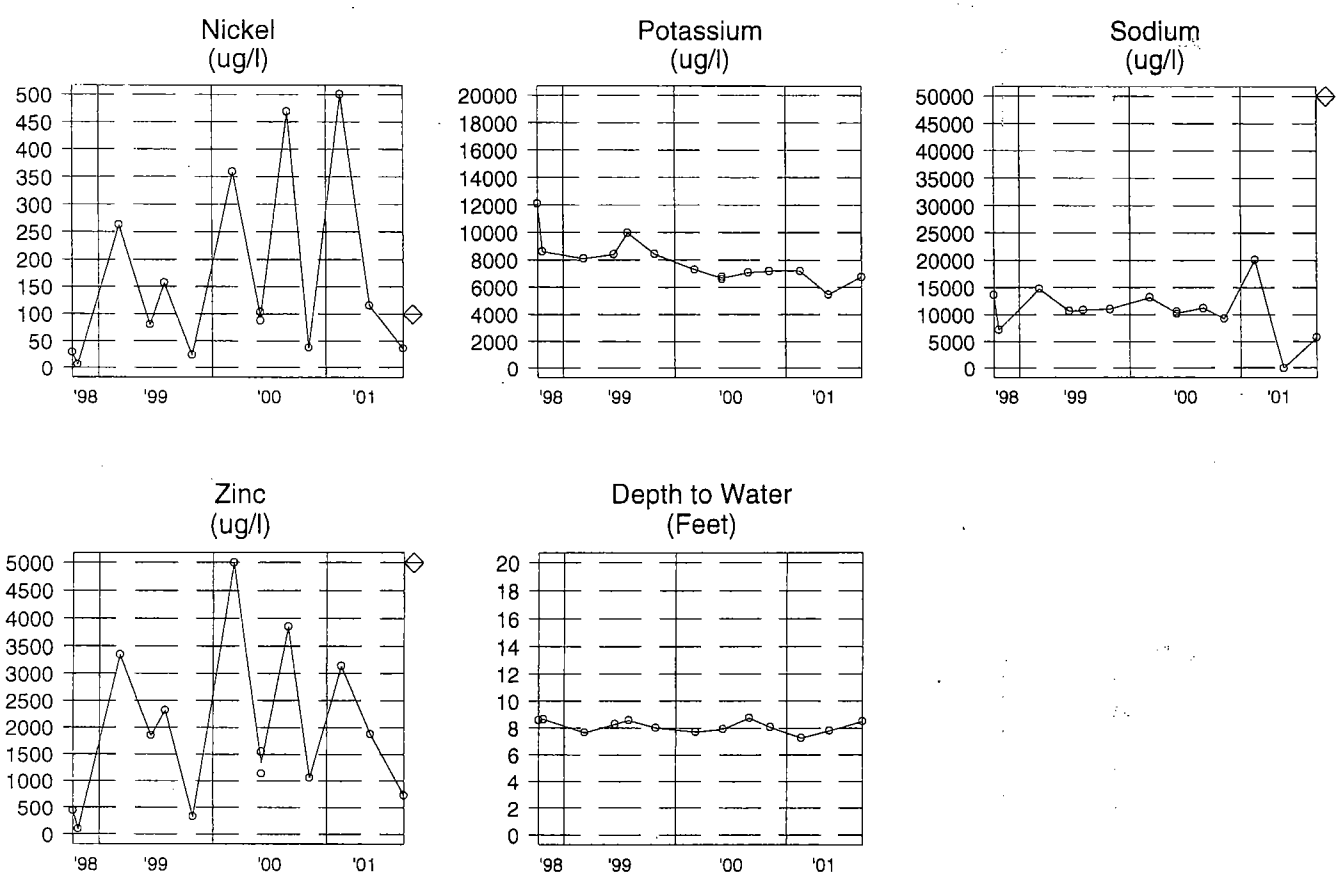
FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 09/06/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-24-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-3

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
1658304	00M3MW04	29-32568	11/15/01
1658305	00M3MW05	29-32569	11/15/01
1658306	00M3MW06	29-32570	11/15/01
1658307	00M3MW07	29-39173	11/15/01
1658308	00M3MW08	29-39174	11/15/01
1658309	00M3MW09	29-39175	11/15/01
1658310	00M3MW10	29-39176	11/15/01
1658311	00M3MW11	29-39145	11/15/01

NJDEP Laboratory Certification # 13461

12-31-01
Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 726223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: M3 wells
4th Qrtr '01

Samplers Name / Company: Corey McCormack, TUS

Analysis Parameters: VOA+15 | TAL metals | Pest/PCB | BNA+25 | | | | Hexavalent

Comments: HCL/HNO3/<4°c

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL metals	Pest/PCB	BNA+25				Hexavalent	Remarks / Preservation Method
110583 01	Trip	11/15/01	0800	AQ	2	✓							—	
02	Field Blank		1000		5	✓	✓	✓	✓				—	
03	Dupe		—		5	✓	✓	✓	✓				—	
04	M3 mw04		1309		5	✓	✓	✓	✓				0.0	29-32568
05	M3 mw05		1510			✓	✓	✓	✓				0.0	29-32569
06	M3 mw06		1516			✓	✓	✓	✓				0.0	29-32570
07	M3 mw07		1010			✓	✓	✓	✓				0.0	29-39173
08	M3 mw08		1055			✓	✓	✓	✓				0.0	29-39174
09	M3 mw09		1125			✓	✓	✓	✓				0.0	29-39175
10	M3 mw10		1423			✓	✓	✓	✓				0.0	29-39176
11	M3 mw11		1348			✓	✓	✓	✓				0.0	29-39145
~~12~~ CM														

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	11/15/01 1540	J. Wright			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (✓)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H, H-70

print legibly

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW04
NJDEP ID #: 29-32568
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/15/01
WEATHER: Overcast and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 14.45 ft
DEPTH OF WELL: 25.11 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.66 ft
(10.66) X .65 X 3 =20.78
GALLONS OF H2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:37
pH 5.76 su
DISSOLVED O2 4.31 mg/L
TEMP 16.31 °C
SPECIFIC CONDUCTIVITY 44.21 ms/cm

PURGE END TIME: 13:08
pH 4.99 su
DISSOLVED O2 2.07 mg/L
TEMP 14.9 °C
SPECIFIC CONDUCTIVITY 42.58 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 15.88 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 13:09
pH 4.98 su
DISSOLVED O2 1.95 mg/L
TEMP 16.00 °C
SPECIFIC CONDUCTIVITY 42.59 ms/cm

SAMPLE END TIME: 13:12

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW05
NJDEP ID #: 29-32569
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/15/01
WEATHER: Overcast and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.69 ft
DEPTH OF WELL: 18.14 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.47 ft
(8.47) X .65 X 3 = 16.47
GALLONS OF H2O TO BE PURGED: 16 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:57
pH 6.02 su
TEMP 16.53 °C
DISSOLVED O2 1.71 mg/L
SPECIFIC CONDUCTIVITY 84.21 ms/cm

PURGE END TIME: 15:09
pH 6.01 su
TEMP 16.57 °C
DISSOLVED O2 0.18 mg/L
SPECIFIC CONDUCTIVITY 85.33 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 10.79 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 15:10
pH 6.01 su
TEMP 16.55 °C
DISSOLVED O2 0.11 mg/L
SPECIFIC CONDUCTIVITY 85.21 ms/cm

SAMPLE END TIME: 15:15

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW06
NJDEP ID #: 29-32570
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/15/01
WEATHER: Overcast and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.45 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.72 ft
(7.72) X .65 X 3 =15.05
GALLONS OF H2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 14:08
pH 5.80 su
TEMP 15.06 °C
DISSOLVED O2 1.24 mg/L
SPECIFIC CONDUCTIVITY 143.9 ms/cm

PURGE END TIME: 15:13
pH 5.77 su
TEMP 15.17 °C
DISSOLVED O2 0.71 mg/L
SPECIFIC CONDUCTIVITY 147.8 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 12.56 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 15:16
pH 5.76 su
TEMP 15.16 °C
DISSOLVED O2 0.72 mg/L
SPECIFIC CONDUCTIVITY 147.7 ms/cm

SAMPLE END TIME: 15:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW07
NJDEP ID #: 29-39173
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/15/01
WEATHER: Overcast and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 9.98 ft
DEPTH OF WELL: 18.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.50 ft
(8.50) X .163 X 3 =4.15
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:52
pH 7.00 su
DISSOLVED O2 3.11 mg/L
TEMP 15.28 °C
SPECIFIC CONDUCTIVITY 1039 ms/cm

PURGE END TIME: 10:09
pH 6.65 su
DISSOLVED O2 0.47 mg/L
TEMP 15.21 °C
SPECIFIC CONDUCTIVITY 1021 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 13.57 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 10:10
pH 6.56 su
DISSOLVED O2 0.33 mg/L
TEMP 15.20 °C
SPECIFIC CONDUCTIVITY 1017 ms/cm

SAMPLE END TIME: 10:14

COMMENTS: Cloudy while bailing.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW08
NJDEP ID #: 29-39174
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/15/01
WEATHER: Overcast and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.98 ft
DEPTH OF WELL: 15.23 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.25 ft
(8.25) X .163 X 3 = 4.03
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:37
pH 6.69 su
DISSOLVED O2 3.21 mg/L
TEMP 15.85 °C
SPECIFIC CONDUCTIVITY 904.7 ms/cm

PURGE END TIME: 10:54
pH 5.94 su
DISSOLVED O2 0.20 mg/L
TEMP 15.60 °C
SPECIFIC CONDUCTIVITY 437.8 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 7.20 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 10:55
pH 5.94 su
DISSOLVED O2 0.20 mg/L
TEMP 15.58 °C
SPECIFIC CONDUCTIVITY 432.8 ms/cm

SAMPLE END TIME: 10:59

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW09
NJDEP ID #: 29-39175
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/15/01
WEATHER: Overcast and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 11.76 ft
DEPTH OF WELL: 16.95 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 5.19 ft
(5.19) X .163 X 3 = 2.53
GALLONS OF H2O TO BE PURGED: 3 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:11
pH 6.24 su
DISSOLVED O2 1.68 mg/L
TEMP 14.2 °C
SPECIFIC CONDUCTIVITY 109.2 ms/cm

PURGE END TIME: 11:24
pH 6.08 su
DISSOLVED O2 0.46 mg/L
TEMP 16.92 °C
SPECIFIC CONDUCTIVITY 79.47 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 12.21 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 3 gal

SAMPLE START TIME: 11:25
pH 6.04 su
DISSOLVED O2 0.43 mg/L
TEMP 16.90 °C
SPECIFIC CONDUCTIVITY 79.42 ms/cm

SAMPLE END TIME: 11:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW10
NJDEP ID #: 29-39176
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/15/01
WEATHER: Overcast and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.29 ft
DEPTH OF WELL: 16.05 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.76 ft
(9.76) X .163 X 3 = 4.77
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 14:00
pH 6.06 su
TEMP 15.12 °C
DISSOLVED O2 0.32 mg/L
SPECIFIC CONDUCTIVITY 377.0 ms/cm

PURGE END TIME: 14:22
pH 5.98 su
TEMP 15.14 °C
DISSOLVED O2 0.32 mg/L
SPECIFIC CONDUCTIVITY 97.09 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 7.01 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 14:23
pH 5.98 su
TEMP 15.15 °C
DISSOLVED O2 0.37 mg/L
SPECIFIC CONDUCTIVITY 97.11 ms/cm

SAMPLE END TIME: 14:29

COMMENTS: Very cloudy while bailing.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW11
NJDEP ID #: 29-39145
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/15/01
WEATHER: Overcast and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 8.49 ft
DEPTH OF WELL: 16.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.01 ft
(8.01) X .163 X 3 = 3.91
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:30
pH 5.82 su
TEMP 17.11 °C
DISSOLVED O2 2.77 mg/L
SPECIFIC CONDUCTIVITY 84.08 ms/cm

PURGE END TIME: 13:47
pH 6.19 su
TEMP 15.80 °C
DISSOLVED O2 0.28 mg/L
SPECIFIC CONDUCTIVITY 85.99 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 9.73 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 13:48
pH 6.18 su
TEMP 15.71 °C
DISSOLVED O2 0.32 mg/L
SPECIFIC CONDUCTIVITY 86.16 ms/cm

SAMPLE END TIME: 13:52

COMMENTS:

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007411.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB**
Date Aquired	**19-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 19Nov01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007411.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: not dec. Date Analyzed: 11/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007414.D**	Sample Name	**1658301**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**19-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.17	45654	2.94 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658301

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007414.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: not dec. Date Analyzed: 11/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007415.D**	Sample Name	**1658302**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**19-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.17	208216	13.31 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658302

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007415.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: not dec. Date Analyzed: 11/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007416.D**	Sample Name	**1658303**
Operator	**Skelton**	Field ID	**Duplicate**
Date Aquired	**19-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658303

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007416.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: not dec. Date Analyzed: 11/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007417.D**	Sample Name	**1658304**
Operator	**Skelton**	Field ID	**M3MW04**
Date Aquired	**19-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658304

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007417.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: not dec. Date Analyzed: 11/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007418.D**	Sample Name	**1658305**
Operator	**Skelton**	Field ID	**M3MW05**
Date Aquired	**19-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	164317	4.00 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

12/5/01 2:37 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658305

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007418.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: not dec. Date Analyzed: 11/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007419.D**	Sample Name	**1658306**
Operator	**Skelton**	Field ID	**M3MW06**
Date Aquired	**19-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	219300	5.24 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW06**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1658306

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007419.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: not dec. _____ Date Analyzed: 11/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007420.D**	Sample Name	**1658307**
Operator	**Skelton**	Field ID	**M3MW07**
Date Aquired	**19-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride	5.01	164400	7.58 ug/L	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	198940	9.62 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW07**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658307

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007420.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: not dec. Date Analyzed: 11/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007421.D**	Sample Name	**1658308**
Operator	**Skelton**	Field ID	**M3MW08**
Date Aquired	**19-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	56976	1.39 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW08**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658308

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007421.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: not dec. Date Analyzed: 11/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007422.D**	Sample Name	**1658309**
Operator	**Skelton**	Field ID	**M3MW09**
Date Aquired	**19-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	449581	10.59 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	41275	1.26 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW09**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658309

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007422.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: not dec. Date Analyzed: 11/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007423.D**	Sample Name	**1658310**
Operator	**Skelton**	Field ID	**M3MW10**
Date Aquired	**19-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	666674	15.80 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	46185	1.42 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW10**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658310

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007423.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: not dec. Date Analyzed: 11/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007424.D**	Sample Name	**1658311**
Operator	**Skelton**	Field ID	**M3MW11**
Date Aquired	**19-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	208888	4.78 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	62235	1.85 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW11**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658311

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007424.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: not dec. Date Analyzed: 11/19/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06316.D**	Sample Name	**MB-011119**
Operator	**B.Patel**	Misc Info	**MB-011119**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA06316.D**	Sample Name	**MB-011119**
Operator	**B.Patel**	Misc Info	**MB-011119**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.89	175856	2.85 ug/L	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-011119**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-011119

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06316.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06319.D**	Sample Name	**1658302**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA06319.D**	Sample Name	**1658302**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.90	3880214	64.06 ug/L	30	0.99	ug/L	B
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658302

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06319.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.07	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06320.D**	Sample Name	**1658303**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA06320.D**	Sample Name	**1658303**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658303

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06320.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06321.D**	Sample Name	**1658304**
Operator	**B.Patel**	Misc Info	**M3MW04**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA06321.D**	Sample Name	**1658304**
Operator	**B.Patel**	Misc Info	**M3MW04**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658304

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06321.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06322.D**	Sample Name	**1658305**
Operator	**B.Patel**	Misc Info	**M3MW05**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA06322.D**	Sample Name	**1658305**
Operator	**B.Patel**	Misc Info	**M3MW05**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.88	69850	1.18 ug/L	30	0.99	ug/L	B
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658305

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06322.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06323.D**	Sample Name	**1658306**
Operator	**B.Patel**	Misc Info	**M3MW06**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA06323.D**	Sample Name	**1658306**
Operator	**B.Patel**	Misc Info	**M3MW06**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW06**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658306

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06323.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.06	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06324.D**	Sample Name	**1658307**
Operator	**B.Patel**	Misc Info	**M3MW07**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA06324.D**	Sample Name	**1658307**
Operator	**B.Patel**	Misc Info	**M3MW07**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW07**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658307

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06324.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/01

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.06	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06325.D**	Sample Name	**1658308**
Operator	**B.Patel**	Misc Info	**M3MW08**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA06325.D**	Sample Name	**1658308**
Operator	**B.Patel**	Misc Info	**M3MW08**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.88	136816	1.98 ug/L	30	0.99	ug/L	B
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW08**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658308

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06325.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.05	47	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06326.D**	Sample Name	**1658309**
Operator	**B.Patel**	Misc Info	**M3MW09**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene	9.59	35563	1.06 ug/L	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA06326.D**	Sample Name	**1658309**
Operator	**B.Patel**	Misc Info	**M3MW09**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.87	151511	2.10 ug/L	30	0.99	ug/L	B
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW09**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658309

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06326.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000873-66-5	Benzene, 1-propenyl-, (E)-	9.95	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06327.D**	Sample Name	**1658310**
Operator	**B.Patel**	Misc Info	**M3MW10**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene	16.75	68625	1.40 ug/L	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA06327.D**	Sample Name	**1658310**
Operator	**B.Patel**	Misc Info	**M3MW10**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene	18.00	56918	1.00 ug/L	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.87	102071	1.49 ug/L	30	0.99	ug/L	B
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW10**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658310

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06327.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	9.95	4	JN
2. 000000-00-0	2,6-Dimethylbenzaldehyde	12.98	5	JN
3.	unknown	18.76	6	J
4.	unknown	19.46	6	J
5. 000080-05-7	Phenol, 4,4'-(1-methylethylidene)	24.05	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06328.D**	Sample Name	**1658311**
Operator	**B.Patel**	Misc Info	**M3MW11**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA06328.D**	Sample Name	**1658311**
Operator	**B.Patel**	Misc Info	**M3MW11**
Date Acquired	**20-Nov-01**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW11**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 16583 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1658311

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06328.D

Level: (low/med) LOW Date Received: 11/15/01

% Moisture: decanted: (Y/N) N Date Extracted: 11/19/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/01

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB 11/16
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/21/01
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB 11/20
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/20/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/21/01
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1658302
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/15/01
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/21/01
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	FIELD BLANK
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1658303
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/15/01
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/21/01
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	DUPE
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1658304
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/15/01
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/21/01
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3MW04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1658305
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/15/01
	Bldg. 173	**Extraction Date:**	11/20/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/21/01
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1658306
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/15/01
	Bldg. 173	**Extraction Date:**	11/20/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/21/01
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1658307
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/15/01
	Bldg. 173	**Extraction Date:**	11/20/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/21/01
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	MEMW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1658308
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/15/01
	Bldg. 173	**Extraction Date:**	11/20/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/21/01
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1658309
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/15/01
	Bldg. 173	**Extraction Date:**	11/20/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/21/01
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1	18.68	0.10	0.0020	**0.018**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1658310
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/15/01
	Bldg. 173	**Extraction Date:**	11/20/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/21/01
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1	18.68	0.10	0.0020	**0.005**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1658311
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/15/01
	Bldg. 173	**Extraction Date:**	11/20/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/21/01
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3MW11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1	18.68	0.10	0.0020	**0.016**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation 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 #: 16583
Sample Prepared: 12/12/01

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/13/01	ND	200	10.0
Antimony	12/13/01	ND	20	2.0
Arsenic	12/13/01	ND	8	2.0
Barium	12/13/01	ND	2000	0.5
Beryllium	12/13/01	ND	20	0.5
Cadmium	12/13/01	0.620	4	0.5
Calcium	12/13/01	ND	NLE	20.0
Chromium	12/13/01	ND	100	0.5
Cobalt	12/13/01	ND	NLE	0.5
Copper	12/13/01	7.10	1000	2.0
Iron	12/13/01	ND	300	10.0
Lead	12/13/01	ND	10	1.0
Magnesium	12/13/01	ND	NLE	10.0
Manganese	12/13/01	ND	50	0.5
Mercury	12/03/01	ND	2	0.1
Nickel	12/13/01	ND	100	1.0
Potassium	12/13/01	925	NLE	40.0
Selenium	12/13/01	ND	50	3.0
Silver	12/13/01	ND	20	1.0
Sodium	12/13/01	535	50000	20.0
Thallium	12/13/01	ND	10	2.0
Vanadium	12/13/01	ND	NLE	0.5
Zinc	12/13/01	ND	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1658302
Sample Received: 11/15/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/13/01	ND	200	10.0
Antimony	12/13/01	ND	20	2.0
Arsenic	12/13/01	ND	8	2.0
Barium	12/13/01	ND	2000	0.5
Beryllium	12/13/01	ND	20	0.5
Cadmium	12/13/01	ND	4	0.5
Calcium	12/13/01	ND	NLE	20.0
Chromium	12/13/01	ND	100	0.5
Cobalt	12/13/01	ND	NLE	0.5
Copper	12/13/01	ND	1000	2.0
Iron	12/13/01	ND	300	2.0
Lead	12/13/01	ND	10	1.0
Magnesium	12/13/01	ND	NLE	10.0
Manganese	12/13/01	ND	50	0.5
Mercury	12/03/01	ND	2	0.1
Nickel	12/13/01	ND	100	1.0
Potassium	12/13/01	907	NLE	40.0
Selenium	12/13/01	ND	50	3.0
Silver	12/13/01	ND	20	1.0
Sodium	12/13/01	ND	50000	20.0
Thallium	12/13/01	ND	10	2.0
Vanadium	12/13/01	ND	NLE	0.5
Zinc	12/13/01	ND	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1658303
Sample Received: 11/15/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/13/01	58.3	200	10.0
Antimony	12/13/01	ND	20	2.0
Arsenic	12/13/01	ND	8	2.0
Barium	12/13/01	111	2000	0.5
Beryllium	12/13/01	ND	20	0.5
Cadmium	12/13/01	3.15	4	0.5
Calcium	12/13/01	50400	NLE	20.0
Chromium	12/13/01	2.38	100	0.5
Cobalt	12/13/01	2.41	NLE	0.5
Copper	12/13/01	4.16	1000	2.0
Iron	12/13/01	1050	300	10.0
Lead	12/13/01	2.20	10	1.0
Magnesium	12/13/01	6850	NLE	10.0
Manganese	12/13/01	54.2	50	0.5
Mercury	12/03/01	ND	2	0.1
Nickel	12/13/01	21.2	100	1.0
Potassium	12/13/01	8460	NLE	40.0
Selenium	12/13/01	ND	50	3.0
Silver	12/13/01	ND	20	1.0
Sodium	12/13/01	18900	50000	20.0
Thallium	12/13/01	ND	10	2.0
Vanadium	12/13/01	1.09	NLE	0.5
Zinc	12/13/01	32.7	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1658304
Sample Received: 11/15/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/13/01	ND	200	10.0
Antimony	12/13/01	ND	20	2.0
Arsenic	12/13/01	ND	8	2.0
Barium	12/13/01	109	2000	0.5
Beryllium	12/13/01	ND	20	0.5
Cadmium	12/13/01	2.67	4	0.5
Calcium	12/13/01	50400	NLE	20.0
Chromium	12/13/01	5.99	100	0.5
Cobalt	12/13/01	2.55	NLE	0.5
Copper	12/13/01	3.21	1000	2.0
Iron	12/13/01	1140	300	10.0
Lead	12/13/01	2.49	10	1.0
Magnesium	12/13/01	6860	NLE	10.0
Manganese	12/13/01	54.8	50	0.5
Mercury	12/03/01	ND	2	0.1
Nickel	12/13/01	22.7	100	1.0
Potassium	12/13/01	8200	NLE	40.0
Selenium	12/13/01	ND	50	3.0
Silver	12/13/01	ND	20	1.0
Sodium	12/13/01	19900	50000	20.0
Thallium	12/13/01	ND	10	2.0
Vanadium	12/13/01	1.23	NLE	0.5
Zinc	12/13/01	27.0	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1658305
Sample Received: 11/15/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/13/01	ND	200	10.0
Antimony	12/13/01	ND	20	2.0
Arsenic	12/13/01	ND	8	2.0
Barium	12/13/01	650	2000	0.5
Beryllium	12/13/01	ND	20	0.5
Cadmium	12/13/01	1.70	4	0.5
Calcium	12/13/01	90800	NLE	20.0
Chromium	12/13/01	0.999	100	0.5
Cobalt	12/13/01	1.70	NLE	0.5
Copper	12/13/01	6.94	1000	2.0
Iron	12/13/01	75800	300	10.0
Lead	12/13/01	9.87	10	1.0
Magnesium	12/13/01	15400	NLE	10.0
Manganese	12/13/01	460	50	0.5
Mercury	12/03/01	ND	2	0.1
Nickel	12/13/01	ND	100	1.0
Potassium	12/13/01	10400	NLE	40.0
Selenium	12/13/01	ND	50	3.0
Silver	12/13/01	ND	20	1.0
Sodium	12/13/01	18800	50000	20.0
Thallium	12/13/01	ND	10	2.0
Vanadium	12/13/01	ND	NLE	0.5
Zinc	12/13/01	30.1	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1658306
Sample Received: 11/15/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/13/01	ND	200	10.0
Antimony	12/13/01	ND	20	2.0
Arsenic	12/13/01	ND	8	2.0
Barium	12/13/01	86.4	2000	0.5
Beryllium	12/13/01	ND	20	0.5
Cadmium	12/13/01	1.78	4	0.5
Calcium	12/13/01	130000	NLE	20.0
Chromium	12/13/01	2.03	100	0.5
Cobalt	12/13/01	3.32	NLE	0.5
Copper	12/13/01	12.2	1000	2.0
Iron	12/13/01	46500	300	10.0
Lead	12/13/01	3.35	10	1.0
Magnesium	12/13/01	38300	NLE	10.0
Manganese	12/13/01	902	50	0.5
Mercury	12/03/01	0.1	2	0.1
Nickel	12/13/01	17.6	100	1.0
Potassium	12/13/01	11500	NLE	40.0
Selenium	12/13/01	ND	50	3.0
Silver	12/13/01	ND	20	1.0
Sodium	12/13/01	134000	50000	20.0
Thallium	12/13/01	ND	10	2.0
Vanadium	12/13/01	0.866	NLE	0.5
Zinc	12/13/01	416	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1658307
Sample Received: 11/15/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/13/01	ND	200	10.0
Antimony	12/13/01	ND	20	2.0
Arsenic	12/13/01	ND	8	2.0
Barium	12/13/01	442	2000	0.5
Beryllium	12/13/01	ND	20	0.5
Cadmium	12/13/01	ND	4	0.5
Calcium	12/13/01	304000	NLE	20.0
Chromium	12/13/01	5.82	100	0.5
Cobalt	12/13/01	1.13	NLE	0.5
Copper	12/13/01	30.2	1000	2.0
Iron	12/13/01	17500	300	10.0
Lead	12/13/01	5.46	10	1.0
Magnesium	12/13/01	220000	NLE	10.0
Manganese	12/13/01	1290	50	0.5
Mercury	12/03/01	ND	2	0.1
Nickel	12/13/01	ND	100	1.0
Potassium	12/13/01	75400	NLE	40.0
Selenium	12/13/01	10.8	50	3.0
Silver	12/13/01	ND	20	1.0
Sodium	12/13/01	1720000	50000	20.0
Thallium	12/13/01	ND	10	2.0
Vanadium	12/13/01	2.26	NLE	0.5
Zinc	12/13/01	347	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1658308
Sample Received: 11/15/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/13/01	694	200	10.0
Antimony	12/13/01	ND	20	2.0
Arsenic	12/13/01	ND	8	2.0
Barium	12/13/01	817	2000	0.5
Beryllium	12/13/01	ND	20	0.5
Cadmium	12/13/01	ND	4	0.5
Calcium	12/13/01	246000	NLE	20.0
Chromium	12/13/01	2.65	100	0.5
Cobalt	12/13/01	1.47	NLE	0.5
Copper	12/13/01	11.8	1000	2.0
Iron	12/13/01	89700	300	10.0
Lead	12/13/01	5.72	10	1.0
Magnesium	12/13/01	86800	NLE	10.0
Manganese	12/13/01	1490	50	0.5
Mercury	12/03/01	ND	2	0.1
Nickel	12/13/01	ND	100	1.0
Potassium	12/13/01	22900	NLE	40.0
Selenium	12/13/01	ND	50	3.0
Silver	12/13/01	ND	20	1.0
Sodium	12/13/01	606000	50000	20.0
Thallium	12/13/01	ND	10	2.0
Vanadium	12/13/01	0.895	NLE	0.5
Zinc	12/13/01	62.3	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1658309
Sample Received: 11/15/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/13/01	ND	200	10.0
Antimony	12/13/01	ND	20	2.0
Arsenic	12/13/01	ND	8	2.0
Barium	12/13/01	343	2000	0.5
Beryllium	12/13/01	ND	20	0.5
Cadmium	12/13/01	1.99	4	0.5
Calcium	12/13/01	73700	NLE	20.0
Chromium	12/13/01	8.76	100	0.5
Cobalt	12/13/01	2.29	NLE	0.5
Copper	12/13/01	5.63	1000	2.0
Iron	12/13/01	75700	300	10.0
Lead	12/13/01	6.08	10	1.0
Magnesium	12/13/01	19900	NLE	10.0
Manganese	12/13/01	646	50	0.5
Mercury	12/03/01	ND	2	0.1
Nickel	12/13/01	3.78	100	1.0
Potassium	12/13/01	12200	NLE	40.0
Selenium	12/13/01	ND	50	3.0
Silver	12/13/01	ND	20	1.0
Sodium	12/13/01	35500	50000	20.0
Thallium	12/13/01	ND	10	2.0
Vanadium	12/13/01	0.602	NLE	0.5
Zinc	12/13/01	86.6	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1658310
Sample Received: 11/15/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/13/01	1990	200	10.0
Antimony	12/13/01	ND	20	2.0
Arsenic	12/13/01	3.57	8	2.0
Barium	12/13/01	685	2000	0.5
Beryllium	12/13/01	ND	20	0.5
Cadmium	12/13/01	1.36	4	0.5
Calcium	12/13/01	115000	NLE	20.0
Chromium	12/13/01	12.9	100	0.5
Cobalt	12/13/01	2.74	NLE	0.5
Copper	12/13/01	4.97	1000	2.0
Iron	12/13/01	68300	300	10.0
Lead	12/13/01	9.11	10	1.0
Magnesium	12/13/01	20200	NLE	10.0
Manganese	12/13/01	526	50	0.5
Mercury	12/03/01	ND	2	0.1
Nickel	12/13/01	1.35	100	1.0
Potassium	12/13/01	13200	NLE	40.0
Selenium	12/13/01	ND	50	3.0
Silver	12/13/01	ND	20	1.0
Sodium	12/13/01	40200	50000	20.0
Thallium	12/13/01	ND	10	2.0
Vanadium	12/13/01	10.4	NLE	0.5
Zinc	12/13/01	56.9	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 1658311
Sample Received: 11/15/01
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW11

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/13/01	752	200	10.0
Antimony	12/13/01	ND	20	2.0
Arsenic	12/13/01	3.14	8	2.0
Barium	12/13/01	388	2000	0.5
Beryllium	12/13/01	ND	20	0.5
Cadmium	12/13/01	5.30	4	0.5
Calcium	12/13/01	131000	NLE	20.0
Chromium	12/13/01	4.90	100	0.5
Cobalt	12/13/01	3.00	NLE	0.5
Copper	12/13/01	28.1	1000	2.0
Iron	12/13/01	54200	300	10.0
Lead	12/13/01	6.62	10	1.0
Magnesium	12/13/01	11300	NLE	10.0
Manganese	12/13/01	694	50	0.5
Mercury	12/03/01	0.2	2	0.1
Nickel	12/13/01	46.9	100	1.0
Potassium	12/13/01	7850	NLE	40.0
Selenium	12/13/01	ND	50	3.0
Silver	12/13/01	ND	20	1.0
Sodium	12/13/01	9940	50000	20.0
Thallium	12/13/01	ND	10	2.0
Vanadium	12/13/01	3.78	NLE	0.5
Zinc	12/13/01	942	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Acetone	Di-n-butyl phthalate	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	900	200	300	50	10	20	20	2000	-
05/01/1997	FMETL	ND	83	330	270	39	ND	21	-	-	V,S,P,M
08/07/1997	FMETL	ND	1.95	139	140	62	0.6	ND	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	146	2550	64	16	ND	ND	94.5	V,S,P,M
02/17/1998	FMETL	ND	13.6	430	206	56	ND	ND	ND	84.5	V,S,P,M
05/05/1998	FMETL	ND	ND	461	433	6.6	ND	ND	9	38	V,S,P,M
07/07/1998	FMETL	ND	ND	877	4990	39.4	ND	ND	5.24	131	V,S,P,M
10/27/1998	FMETL	ND	ND	121	1260	41.8	ND	ND	8.54	126	V,S,P,M
03/01/1999	FMETL	ND	ND	815	2390	27.2	2.28	ND	3.95	91	V,S,P,M
06/11/1999	FMETL	ND	ND	244	1030	55.7	ND	ND	ND	150	V,S,P,M
07/27/1999	FMETL	ND	ND	137	515	72.6	ND	ND	2.41	159	V,S,P,M
10/26/1999	FMETL	ND	ND	111	2270	44.4	ND	ND	ND	112	V,S,P,M
03/02/2000	FMETL	ND	ND	219	1390	40.8	ND	ND	ND	137	V,S,P,M
03/02/2000D	FMETL	ND	ND	367	1910	153	ND	ND	10.4	156	V,S,P,M
06/01/2000	FMETL	ND	ND	281	1390	22.4	2.93	ND	3.10	71.8	V,S,P,M
08/28/2000	FMETL	ND	ND	231	3960	49.4	1.37	ND	ND	176	V,S,P,M
08/28/2000D	FMETL	ND	ND	431	4710	48.9	1.91	ND	ND	177	V,S,P,M
11/07/2000	FMETL	5.16	ND	129	4940	54.4	ND	ND	ND	200	V,S,P,M
02/14/2001	FMETL	ND	ND	148	2990	42.1	ND	ND	ND	127	V,S,P,M
02/14/2001D	FMETL	ND	ND	177	5310	44.0	ND	ND	ND	133	V,S,P,M
05/17/2001	FMETL	ND	ND	253	2370	12.5	ND	ND	ND	54.0	V,S,P,M
05/17/2001D	FMETL	ND	ND	241	2570	19.0	ND	ND	ND	75.7	V,S,P,M
09/06/2001	FMETL	ND	ND	ND	4370	61.8	2.20	ND	ND	165	V,S,P,M
11/15/2001	FMETL	ND	ND	ND	1140	54.8	2.49	ND	ND	109	V,S,P,M
11/15/2001D	FMETL	ND	ND	58.3	1050	54.2	2.20	ND	ND	111	V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 11/15/2001

NOTES:

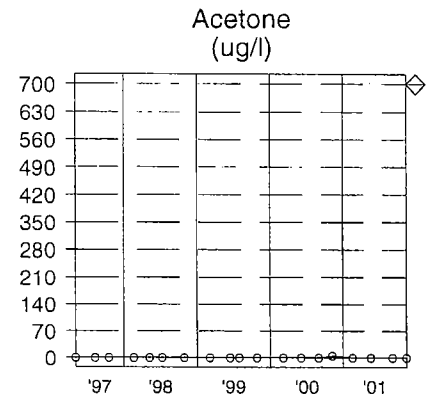
Page 1 of 2.

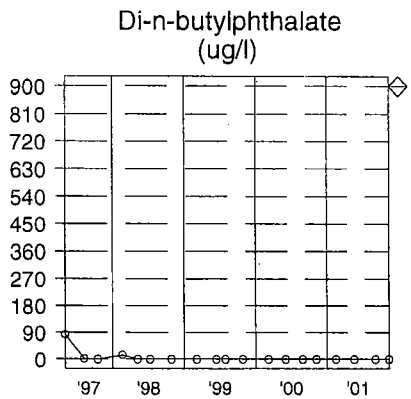
FORT MONMOUTH

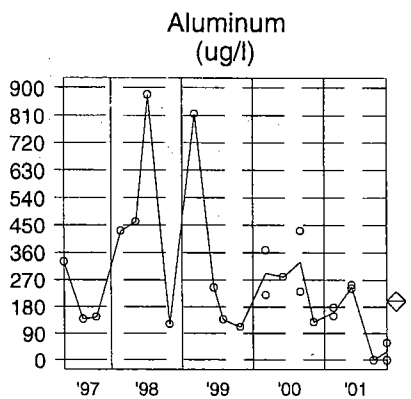
GW MONITORING
M-3

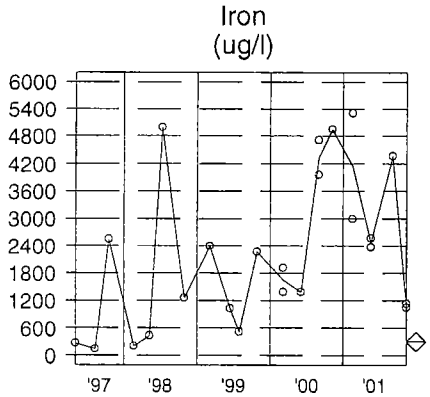
Source 1 of 8

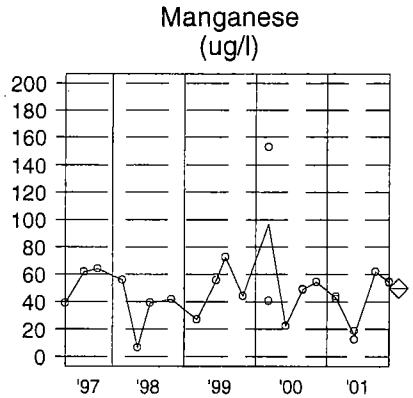
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

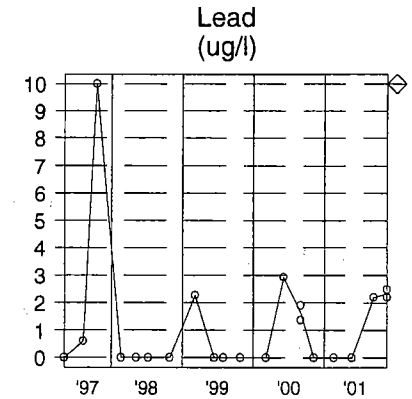


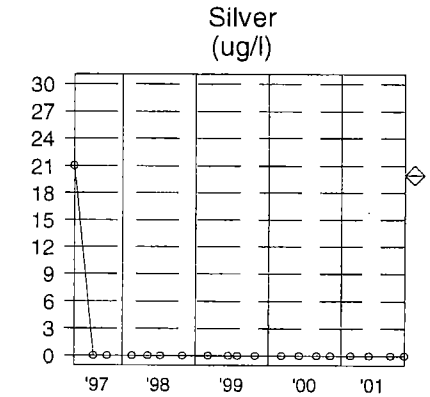


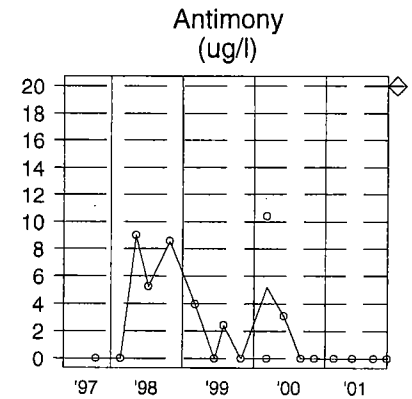


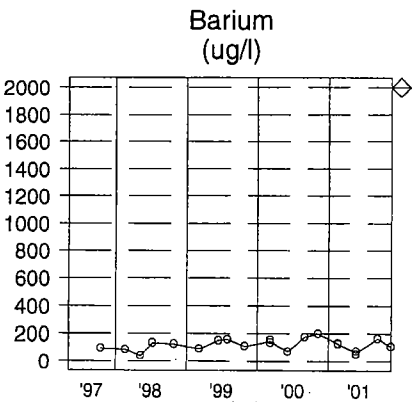












SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 11/15/2001

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o = Date Sampled

NJDEP Criteria

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FORT MONMOUTH
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	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
05/01/1997	FMETL	-	-	-	-	-	-	-	10.55		V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	-	13.30		V,S,P,M
10/16/1997	FMETL	2.8	48790	6590	25.3	8040	18650	124	14.10		V,S,P,M
02/17/1998	FMETL	2.2	26330	8530	36	5700	16740	88	8.80		V,S,P,M
05/05/1998	FMETL	0.6	7004	7252	19.9	3590	13730	89.8	9.40		V,S,P,M
07/07/1998	FMETL	2.41	44100	8620	46	11000	19200	129	12.26		V,S,P,M
10/27/1998	FMETL	3.78	42500	6710	41.6	10500	16200	46	14.51		V,S,P,M
03/01/1999	FMETL	1.91	27800	8940	34.1	5920	21400	106	11.25		V,S,P,M
06/11/1999	FMETL	3.34	58600	9670	48.9	9210	27300	60.5	13.21		V,S,P,M
07/27/1999	FMETL	4.70	66400	9170	38.8	9770	23100	56.7	13.96		V,S,P,M
10/26/1999	FMETL	2.23	36900	5680	28.2	6850	21400	27.6	13.41		V,S,P,M
03/02/2000	FMETL	3.10	46500	11600	66.5	6880	29600	173	11.95		V,S,P,M
03/02/2000D	FMETL	4.16	51100	21400	73.5	7560	32900	159	11.95		V,S,P,M
06/01/2000	FMETL	0.909	28000	9760	53.5	4950	25800	124	11.92		V,S,P,M
08/28/2000	FMETL	3.25	55600	10300	50.8	8610	28500	94.1	11.89		V,S,P,M
08/28/2000D	FMETL	3.17	54500	10400	51.9	8550	29000	97.3	11.89		V,S,P,M
11/07/2000	FMETL	2.81	48900	10300	69.7	8230	30300	91.5	12.91		V,S,P,M
02/14/2001	FMETL	ND	40000	9910	37.0	5950	21400	68.4	9.93		V,S,P,M
02/14/2001D	FMETL	ND	41500	9970	38.1	6140	21600	70.9	9.93		V,S,P,M
05/17/2001	FMETL	0.990	13700	6960	25.9	3100	18600	83.2	11.52		V,S,P,M
05/17/2001D	FMETL	1.42	19800	7440	30.8	3850	19400	85.7	11.52		V,S,P,M
09/06/2001	FMETL	2.41	52600	9190	51.7	8490	24600	70.1	13.77		V,S,P,M
11/15/2001	FMETL	2.67	50400	6860	22.7	8200	19900	27.0	14.45		V,S,P,M
11/15/2001D	FMETL	3.15	50400	6850	21.2	8460	18900	32.7	14.45		V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
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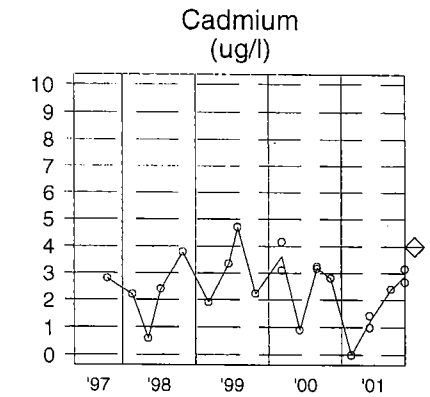

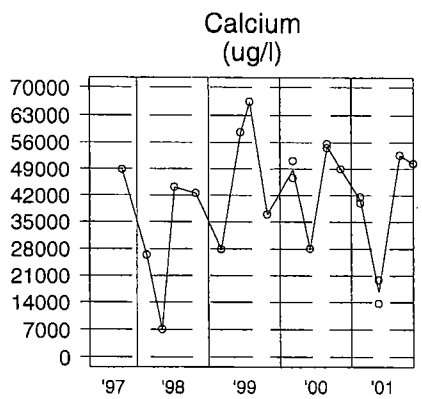

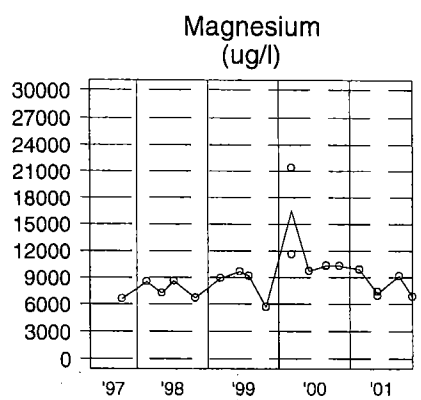

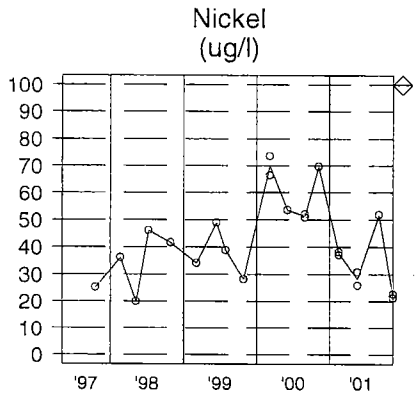

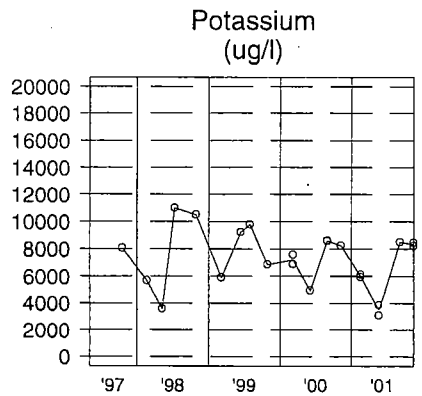

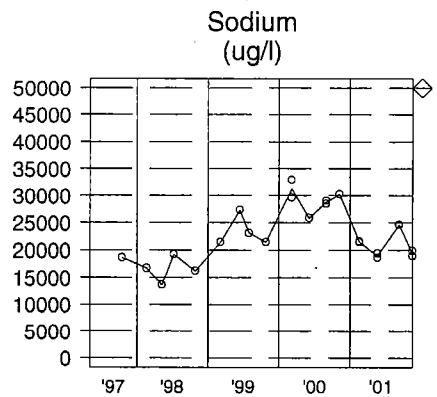

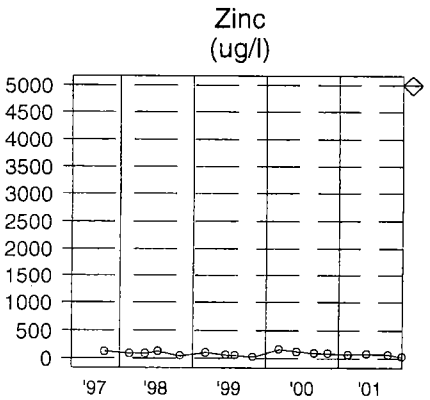

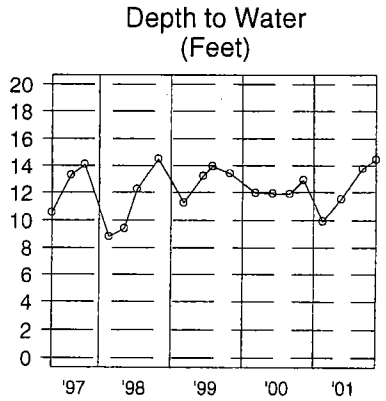

SOURCE: 00M3MW04

Sampling Dates:
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FORT MONMOUTH

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SELFM-PW-EV

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	Lab	Acetone	Chloro benzene	Benzene	1,4-Di chloro benzene	Di-n-butyl phthalate	2-Methyl naphtha lene	Acenaph thene	Fluorene	Phen anthrene	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	1	75	900	NLE	400	300	NLE	-
05/01/1997	FMETL	ND	3.82	ND	ND	123	1.64	1.31	1.03	1.35	V,S,P,M
08/07/1997	FMETL	ND	7.28	ND	ND	2.28	1.82	1.31	ND	1.08	V,S,P,M
10/16/1997	FMETL	ND	6.70	ND	ND	ND	2.08	1.70	1.13	1.57	V,S,P,M
02/17/1998	FMETL	ND	4.66	ND	ND	43.6	1.33	1.78	1.13	1.40	V,S,P,M
05/05/1998	FMETL	ND	7.33	1.44	ND	ND	ND	ND	ND	ND	V,S,P,M
07/07/1998	FMETL	ND	9.23	1.33	ND	ND	1.80	1.52	1.06	1.01	V,S,P,M
10/27/1998	FMETL	ND	5.05	ND	ND	ND	ND	ND	ND	2.32	V,S,P,M
03/01/1999	FMETL	ND	5.19	ND	ND	ND	1.57	2.44	ND	2.27	V,S,P,M
06/11/1999	FMETL	ND	5.60	ND	ND	ND	ND	1.04	ND	1.13	V,S,P,M
07/27/1999	FMETL	ND	5.21	ND	1.10	ND	1.49	1.47	ND	ND	V,S,P,M
10/26/1999	FMETL	ND	5.39	ND	1.02	ND	2.00	2.20	1.65	2.14	V,S,P,M
03/02/2000	FMETL	ND	4.09	ND	ND	ND	1.29	1.74	1.29	1.45	V,S,P,M
06/01/2000	FMETL	ND	4.32	ND	ND	ND	1.27	1.63	1.20	1.30	V,S,P,M
08/28/2000	FMETL	ND	5.72	ND	ND	ND	1.54	1.92	1.40	ND	V,S,P,M
11/07/2000	FMETL	ND	5.41	ND	ND	ND	1.40	1.47	1.03	ND	V,S,P,M
02/14/2001	FMETL	ND	3.33	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
05/17/2001	FMETL	3.94	4.94	ND	ND	ND	ND	1.52	1.03	ND	V,S,P,M
09/06/2001	FMETL	ND	5.88	ND	ND	ND	1.39	1.72	1.03	ND	V,S,P,M
11/15/2001	FMETL	ND	4.00	ND	ND	ND	ND	ND	ND	ND	V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
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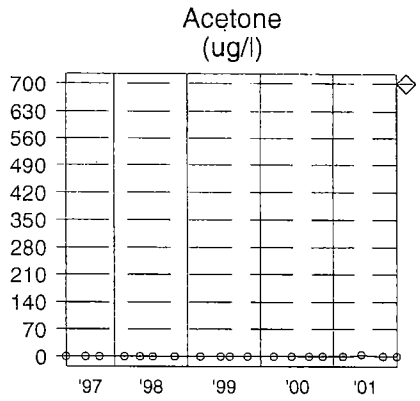

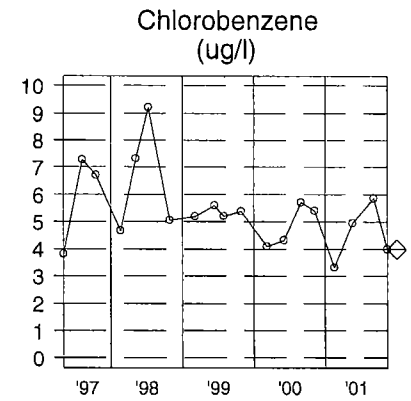

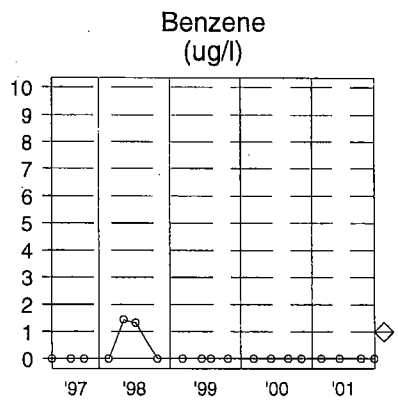

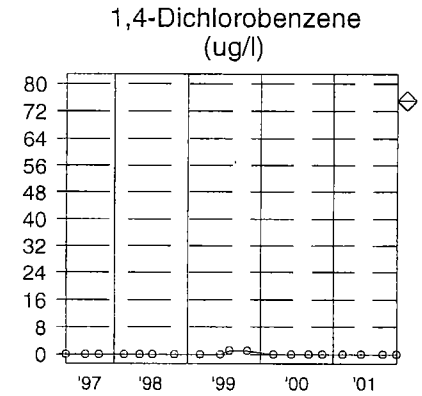

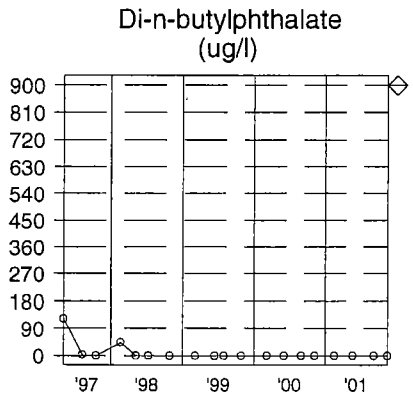

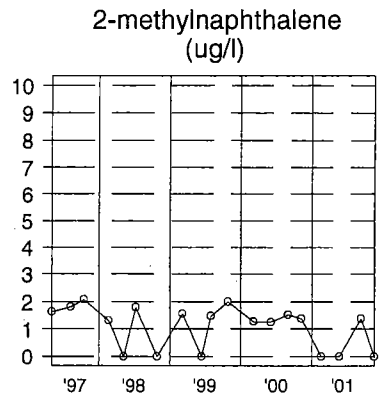

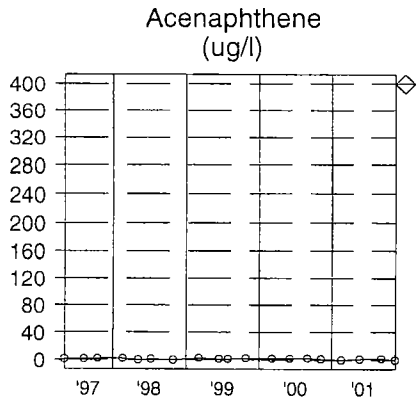

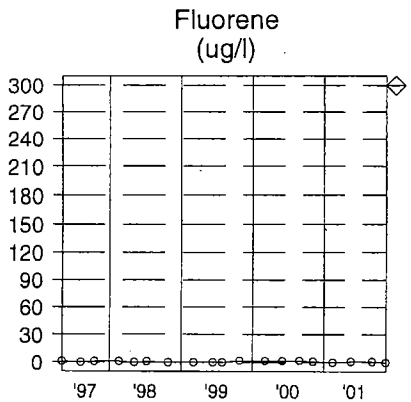

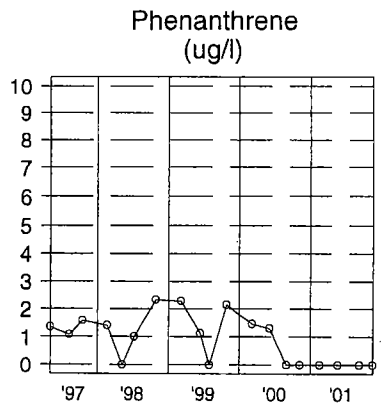

SOURCE: 00M3MW05

Sampling Dates:
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FORT MONMOUTH

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SELFM-PW-EV

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	Lab	bis(2-Ethyl hexyl) phthalate	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	30	200	300	50	10	20	20	2000	4	-
05/01/1997	FMETL	ND	27	73000	440	ND	21	-	-	-	V,S,P,M
08/07/1997	FMETL	ND	182	187600	503	20.5	ND	-	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	627.3	ND	V,S,P,M
02/17/1998	FMETL	ND	149	70470	425	6.0	ND	ND	664	ND	V,S,P,M
05/05/1998	FMETL	ND	ND	84560	409	ND	ND	4.3	637	ND	V,S,P,M
07/07/1998	FMETL	ND	22.3	65400	399	4.54	ND	4.26	555	1.2	V,S,P,M
10/27/1998	FMETL	ND	ND	67300	421	ND	ND	7.83	636	ND	V,S,P,M
03/01/1999	FMETL	ND	13.4	75500	409	3.15	ND	2.4	638	ND	V,S,P,M
06/11/1999	FMETL	ND	ND	70000	440	ND	ND	ND	566	4.38	V,S,P,M
07/27/1999	FMETL	ND	15.0	76500	501	ND	ND	ND	655	1.21	V,S,P,M
10/26/1999	FMETL	ND	31	66500	395	ND	ND	ND	625	ND	V,S,P,M
03/02/2000	FMETL	4.03	16.3	74000	417	ND	ND	ND	647	ND	V,S,P,M
06/01/2000	FMETL	3.89	13.2	73900	430	ND	ND	ND	693	ND	V,S,P,M
08/28/2000	FMETL	3.79	101	69900	382	1.98	ND	2.68	630	ND	V,S,P,M
11/07/2000	FMETL	3.12	ND	67700	429	ND	ND	ND	686	ND	V,S,P,M
02/14/2001	FMETL	1.48	ND	66300	426	ND	ND	ND	639	0.81	V,S,P,M
05/17/2001	FMETL	2.58	21.5	62100	401	6.33	ND	ND	557	3.62	V,S,P,M
09/06/2001	FMETL	2.85	ND	68800	433	5.83	14.0	ND	663	2.01	V,S,P,M
11/15/2001	FMETL	1.18	ND	75800	460	9.87	ND	ND	650	1.70	V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
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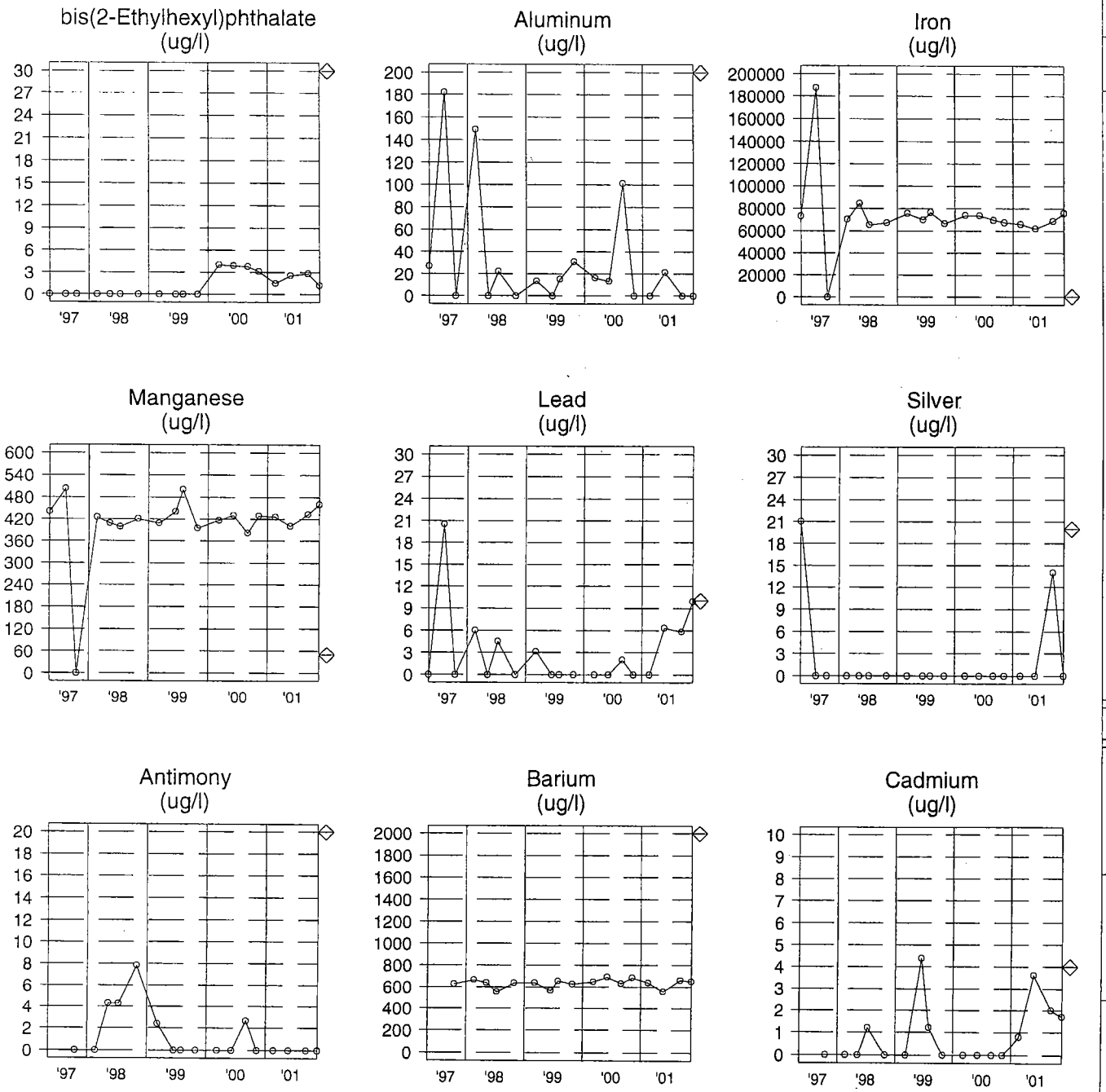

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	Lab	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	NLE	NLE	100	NLE	50000	5000	-			-
05/01/1997	FMETL	-	-	-	-	-	-	7.90			V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	8.85			V,S,P,M
10/16/1997	FMETL	90160	14600	1.1	12350	17370	44	9.10			V,S,P,M
02/17/1998	FMETL	96030	15840	5.7	13960	16070	ND	7.70			V,S,P,M
05/05/1998	FMETL	89180	14300	1.4	15490	16640	2.2	7.76			V,S,P,M
07/07/1998	FMETL	90100	13800	ND	15100	9510	18.8	8.66			V,S,P,M
10/27/1998	FMETL	88000	14000	0.87	14100	11800	ND	9.64			V,S,P,M
03/01/1999	FMETL	97800	15800	1.69	11400	17300	3.68	8.47			V,S,P,M
06/11/1999	FMETL	89600	14700	11000	10800	16800	ND	9.13			V,S,P,M
07/27/1999	FMETL	90500	15000	2.15	10900	18000	13.7	9.49			V,S,P,M
10/26/1999	FMETL	85700	13900	1.0	10800	15800	5.69	8.77			V,S,P,M
03/02/2000	FMETL	95000	15700	0.912	10800	15500	17	8.45			V,S,P,M
06/01/2000	FMETL	98200	16600	10.9	10700	15000	13.2	8.53			V,S,P,M
08/28/2000	FMETL	94800	15800	ND	11900	15600	23.8	8.31			V,S,P,M
11/07/2000	FMETL	91500	15300	ND	10500	16100	21.3	9.00			V,S,P,M
02/14/2001	FMETL	99300	17300	ND	10700	16200	5.86	7.14			V,S,P,M
05/17/2001	FMETL	89700	15600	1.94	9670	14700	15.5	8.68			V,S,P,M
09/06/2001	FMETL	89700	15200	ND	9840	16100	12.7	9.32			V,S,P,M
11/15/2001	FMETL	90800	15400	ND	10400	18800	30.1	9.69			V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
05/01/1997 - 11/15/2001

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FORT MONMOUTH

GW MONITORING
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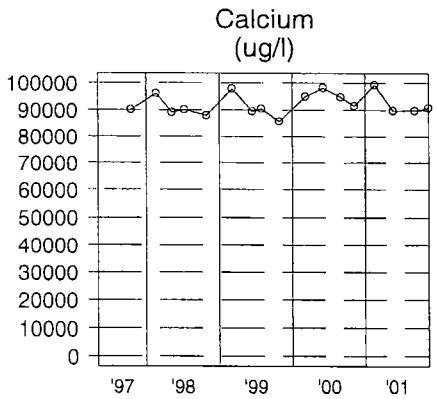
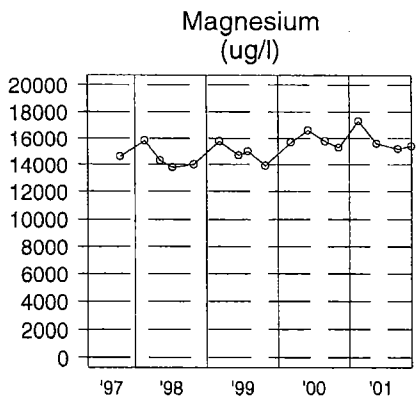
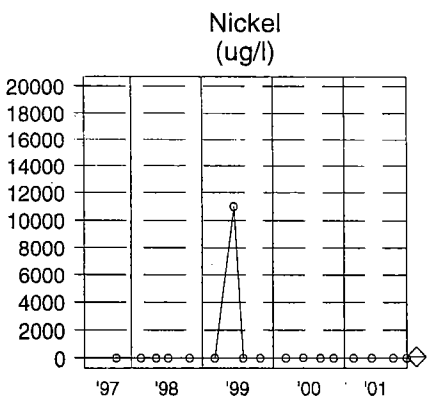
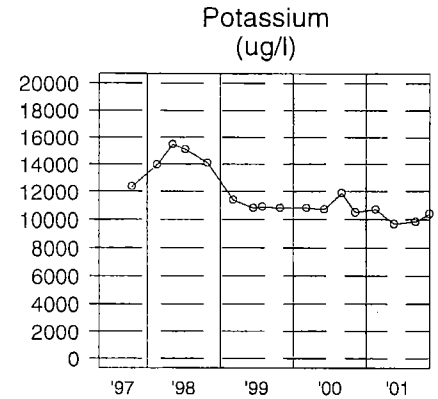
Source 2 of 8

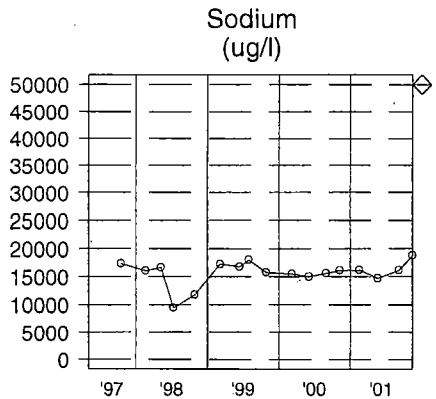
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

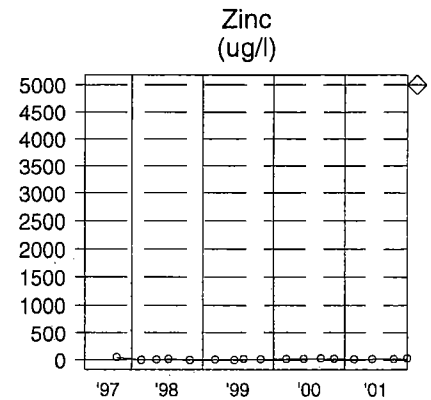


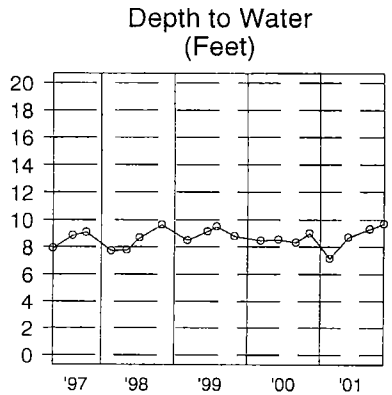












SOURCE: 00M3MW05

Sampling Dates:
05/01/1997 - 11/15/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 2 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	Chloro benzene	Benzene	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	1	200	300	50	10	20	20	-
05/01/1997	FMETL	ND	ND	5.35	70	10500	320	ND	14	-	V,S,P,M
08/07/1997	FMETL	ND	2.65	ND	61	31020	565	1.4	ND	-	V,S,P,M
10/16/1997	FMETL	ND	4.41	ND	142	37600	623	8.0	ND	ND	V,S,P,M
02/17/1998	FMETL	ND	ND	ND	113	10740	639	ND	ND	4	V,S,P,M
05/05/1998	FMETL	ND	ND	0.94	49	6992	362	ND	ND	5.4	V,S,P,M
07/07/1998	FMETL	ND	2.65	3.10	92.2	20900	555	ND	ND	2.9	V,S,P,M
10/27/1998	FMETL	ND	5.34	ND	166	26800	449	ND	ND	5.31	V,S,P,M
03/01/1999	FMETL	ND	1.93	ND	182	35500	1010	4.01	ND	4.8	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	15.9	23500	687	ND	ND	ND	V,S,P,M
07/27/1999	FMETL	ND	4.59	ND	1480	43900	785	3.08	ND	ND	V,S,P,M
10/26/1999	FMETL	ND	2.16	ND	37.9	12900	711	ND	ND	2.3	V,S,P,M
03/02/2000	FMETL	ND	1.90	ND	ND	20800	903	ND	ND	ND	V,S,P,M
06/01/2000	FMETL	ND	2.05	1.44	ND	22300	877	ND	ND	2.29	V,S,P,M
08/28/2000	FMETL	ND	3.18	ND	141	19400	676	2.56	ND	3.66	V,S,P,M
11/07/2000	FMETL	6.55	2.52	ND	ND	13600	534	ND	ND	ND	V,S,P,M
02/14/2001	FMETL	ND	1.65	ND	ND	13600	623	ND	ND	2.32	V,S,P,M
05/17/2001	FMETL	4.76	2.25	2.60	16.9	12200	517	ND	ND	ND	V,S,P,M
09/06/2001	FMETL	ND	2.98	ND	ND	13400	391	1.36	1.84	ND	V,S,P,M
11/15/2001	FMETL	ND	5.24	ND	ND	46500	902	3.35	ND	ND	V,S,P,M

SOURCE: 00M3MW06

Sampling Dates:
05/01/1997 - 11/15/2001

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FORT MONMOUTH

GW MONITORING
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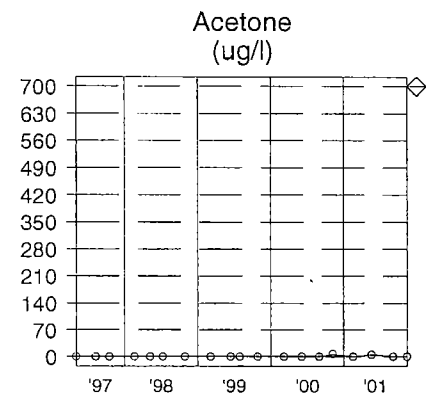
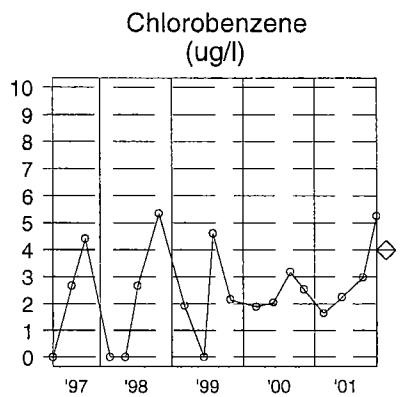
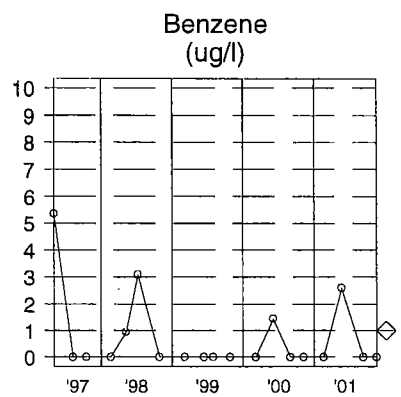
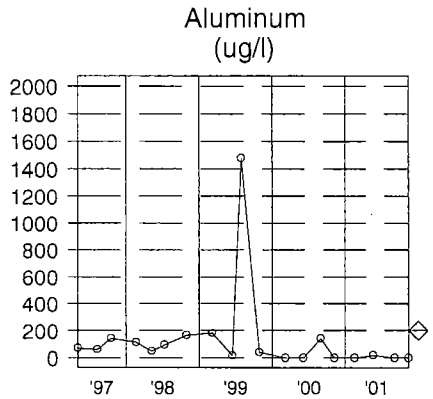
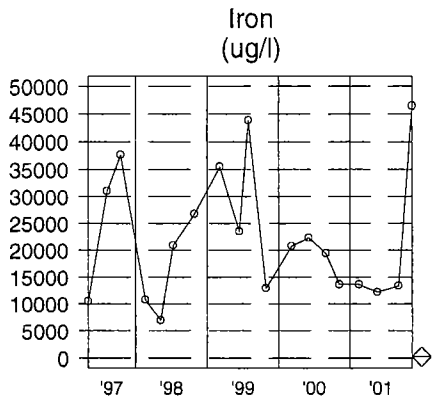
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

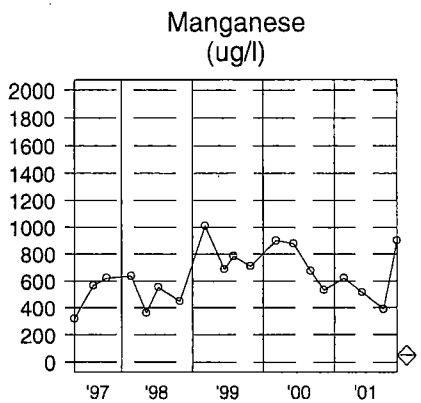


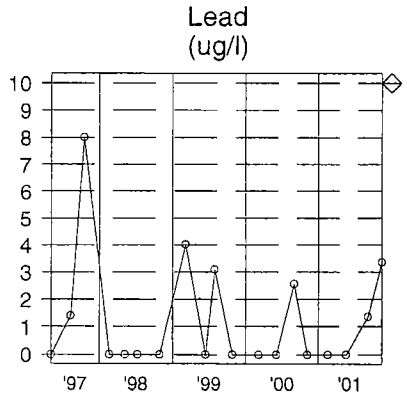


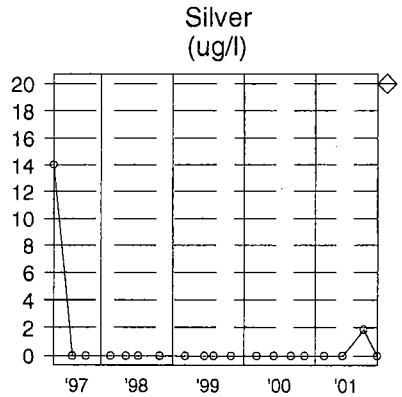


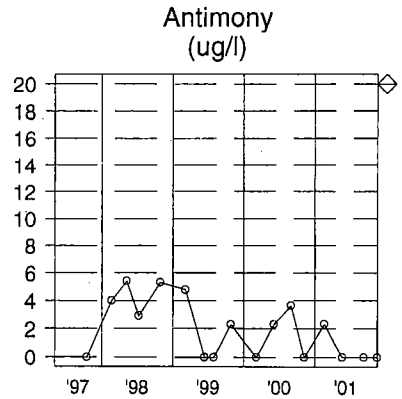












SOURCE: 00M3MW06

Sampling Dates:
05/01/1997 - 11/15/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 3 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
05/01/1997	FMETL	-	-	-	-	-	-	-	-	8.00	V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	-	-	9.05	V,S,P,M
10/16/1997	FMETL	57.2	ND	69170	19300	2.3	8720	ND	68	9.30	V,S,P,M
02/17/1998	FMETL	66	ND	94830	22740	18	10450	40910	302	7.85	V,S,P,M
05/05/1998	FMETL	40	0.7	74040	16680	10	9163	25680	150	7.90	V,S,P,M
07/07/1998	FMETL	73.6	ND	126000	29200	0.579	12600	15100	40.5	8.60	V,S,P,M
10/27/1998	FMETL	29.7	ND	38600	12200	3.8	8430	18200	80	9.61	V,S,P,M
03/01/1999	FMETL	149	0.63	159000	33300	18.9	10800	26200	467	8.78	V,S,P,M
06/11/1999	FMETL	114	1.87	119000	28300	3.55	10700	21500	44.9	9.05	V,S,P,M
07/27/1999	FMETL	76.2	1.84	63900	19000	6.40	9810	25600	164	9.57	V,S,P,M
10/26/1999	FMETL	138	0.866	165000	34300	27.5	11900	37400	416	8.07	V,S,P,M
03/02/2000	FMETL	133	ND	184000	36700	10.4	10300	17600	177	8.30	V,S,P,M
06/01/2000	FMETL	153	ND	173000	38300	11.8	10600	15200	55.4	8.44	V,S,P,M
08/28/2000	FMETL	111	ND	124000	31200	ND	9570	24100	78.6	8.24	V,S,P,M
11/07/2000	FMETL	114	ND	115000	26600	ND	10600	23100	47.5	8.56	V,S,P,M
02/14/2001	FMETL	64.1	ND	107000	24199	7.15	7130	13800	203	8.09	V,S,P,M
05/17/2001	FMETL	56.1	ND	87100	22700	4.40	7320	14100	91.7	8.43	V,S,P,M
09/06/2001	FMETL	31.5	ND	59200	14100	5.87	5360	15800	189	9.25	V,S,P,M
11/15/2001	FMETL	86.4	1.78	130000	38300	17.6	11500	134000	416	9.45	V,S,P,M

SOURCE: 00M3MW06

Sampling Dates:
05/01/1997 - 11/15/2001

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FORT MONMOUTH

GW MONITORING
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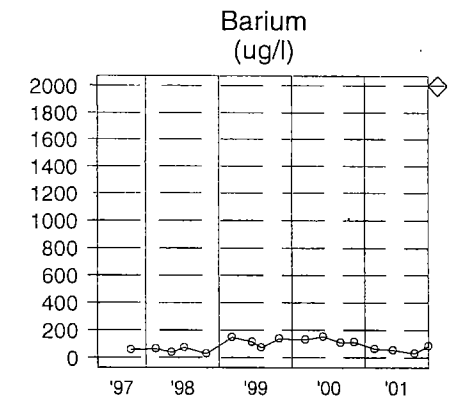
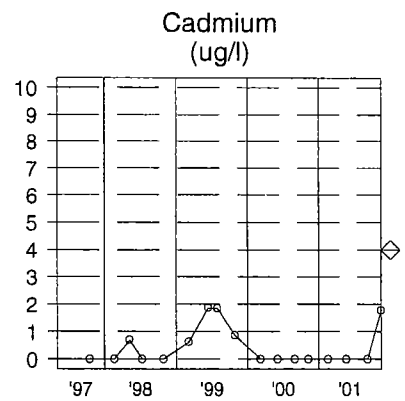
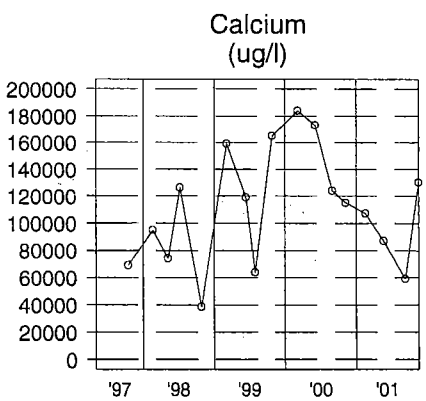
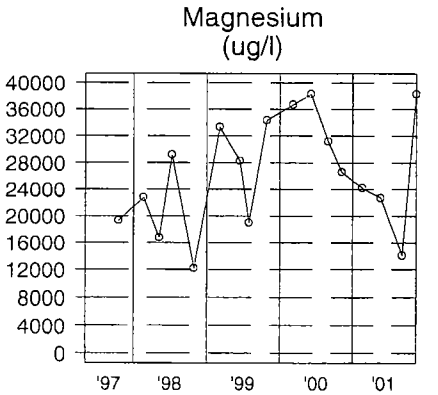
Source 3 of 8

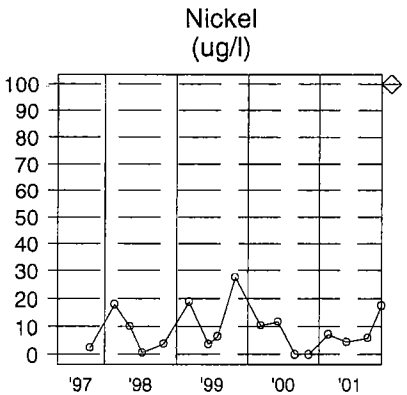
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

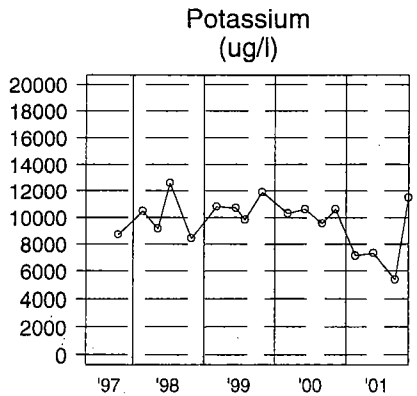


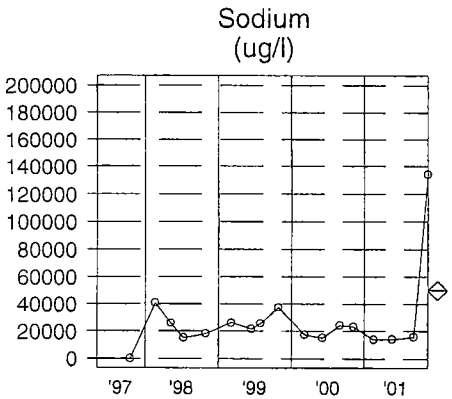


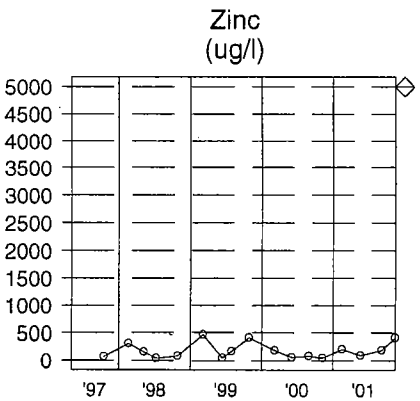


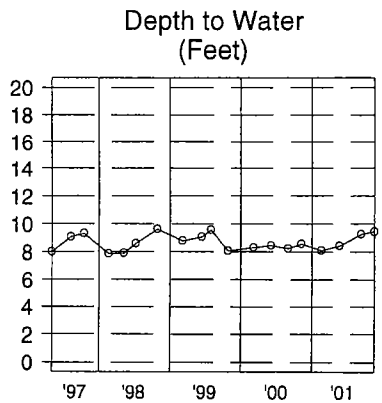












SOURCE: 00M3MW06

Sampling Dates:
05/01/1997 - 11/15/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 3 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	2-Butanone	Vinyl chloride	csi-1,2-Dichloro ethene	Aluminum	Iron	Manganese	Lead	Antimony	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	5	10	200	300	50	10	20	-
10/07/1998	FMETL	ND	399.25	ND	ND	4810	41900	710	23	ND	V,S,P,M
10/23/1998	FMETL	ND	ND	8.93	3.58	1820	56700	1200	6.23	ND	V,S,P,M
03/01/1999	FMETL	ND	ND	2.76	4.05	2350	78400	1080	13.7	3.96	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	ND	2990	34500	823	8.33	ND	V,S,P,M
07/27/1999	FMETL	ND	ND	4.22	2.61	1480	36900	998	5.66	ND	V,S,P,M
10/26/1999	FMETL	ND	ND	ND	ND	2490	35100	1060	7.59	2.51	V,S,P,M
03/02/2000	FMETL	ND	ND	ND	ND	3400	36600	817	8.94	ND	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	ND	362	17500	650	3.75	3.55	V,S,P,M
08/28/2000	FMETL	ND	ND	ND	1.80	333	20500	949	1.25	3.73	V,S,P,M
11/07/2000	FMETL	7.88	ND	17.64	15.81	745	21300	898	18.0	ND	V,S,P,M
11/07/2000D	FMETL	4.83	ND	17.69	15.47	685	21200	903	1.96	ND	V,S,P,M
02/14/2001	FMETL	ND	ND	4.22	3.75	67.6	17100	697	ND	ND	V,S,P,M
05/17/2001	FMETL	ND	ND	5.20	2.29	258	9680	811	7.12	3.17	V,S,P,M
09/06/2001	FMETL	ND	ND	19.03	35.99	328	16800	651	14.1	ND	V,S,P,M
11/15/2001	FMETL	ND	ND	7.58	9.62	ND	17500	1290	5.46	ND	V,S,P,M

SOURCE: 00M3MW07

Sampling Dates:
10/07/1998 - 11/15/2001

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FORT MONMOUTH

GW MONITORING
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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

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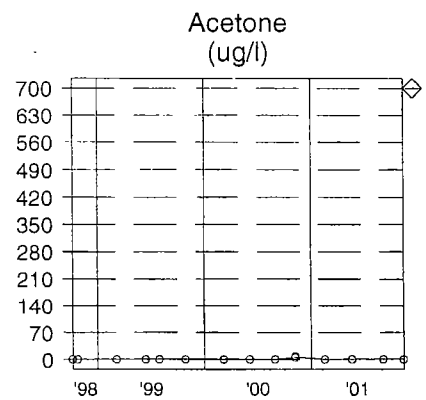

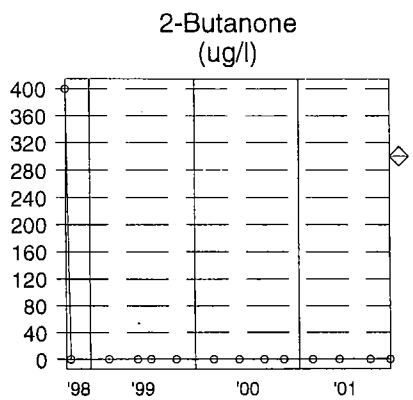

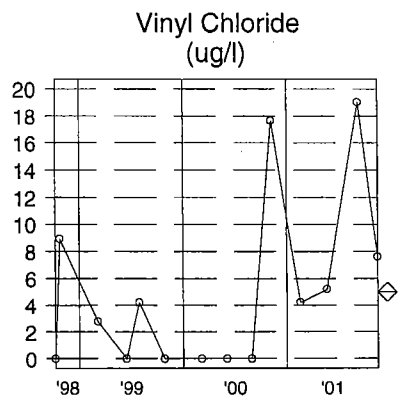

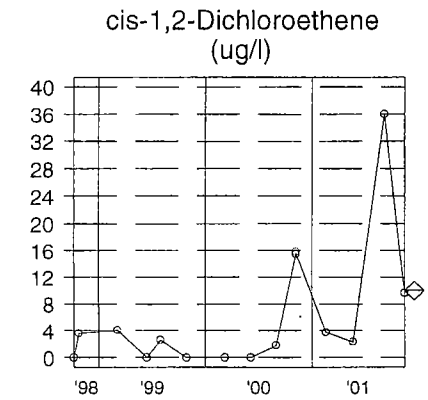

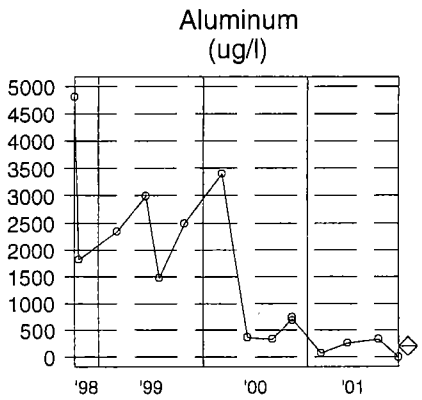

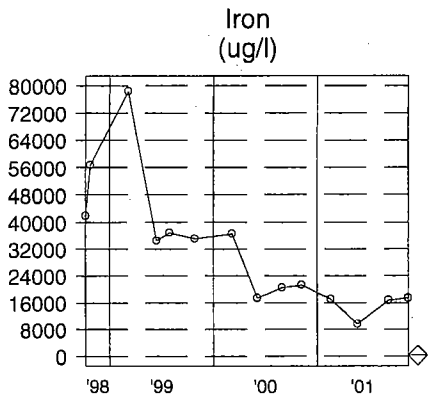

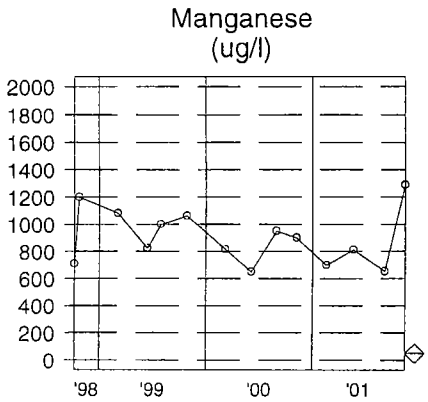

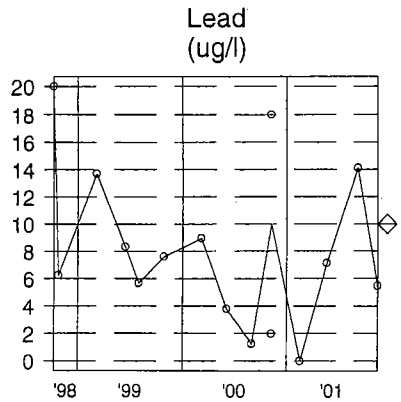

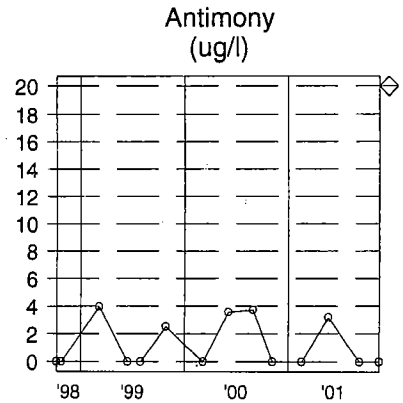

SOURCE: 00M3MW07

Sampling Dates:
10/07/1998 - 11/15/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 4 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/07/1998	FMETL	126	ND	106000	91100	5.7	40900	579000	125	9.67	V,S,P,M
10/23/1998	FMETL	235	ND	204000	165000	1.32	64200	1300000	28.1	10.46	V,S,P,M
03/01/1999	FMETL	516	2	251000	113000	5.98	36400	858000	1090	8.72	V,S,P,M
06/11/1999	FMETL	372	4.25	252000	101000	2.36	33900	709000	571	9.47	V,S,P,M
07/27/1999	FMETL	492	4.99	292000	156000	4.74	48500	1050000	273	10.39	V,S,P,M
10/26/1999	FMETL	807	7.55	398000	261000	4.06	99900	1800000	723	10.35	V,S,P,M
03/02/2000	FMETL	580	2.58	271000	136000	8.92	57000	1070000	817	9.56	V,S,P,M
06/01/2000	FMETL	280	1.38	210000	90300	8.86	32200	630000	341	9.24	V,S,P,M
08/28/2000	FMETL	336	0.691	213000	116000	ND	38000	1010000	222	9.17	V,S,P,M
11/07/2000	FMETL	303	2.07	186000	101000	1.14	42400	828000	571	9.61	V,S,P,M
11/07/2000D	FMETL	302	1.55	192000	106000	ND	41100	863000	348	9.61	V,S,P,M
02/14/2001	FMETL	221	ND	164000	77700	ND	25800	468000	89.3	10.03	V,S,P,M
05/17/2001	FMETL	135	1.68	149000	49900	1.46	17900	254000	288	10.29	V,S,P,M
09/06/2001	FMETL	155	ND	130000	67600	10.9	27500	382000	524	10.45	V,S,P,M
11/15/2001	FMETL	442	ND	304000	220000	ND	75400	1720000	347	9.98	V,S,P,M

SOURCE: 00M3MW07

Sampling Dates:
10/07/1998 - 11/15/2001

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FORT MONMOUTH

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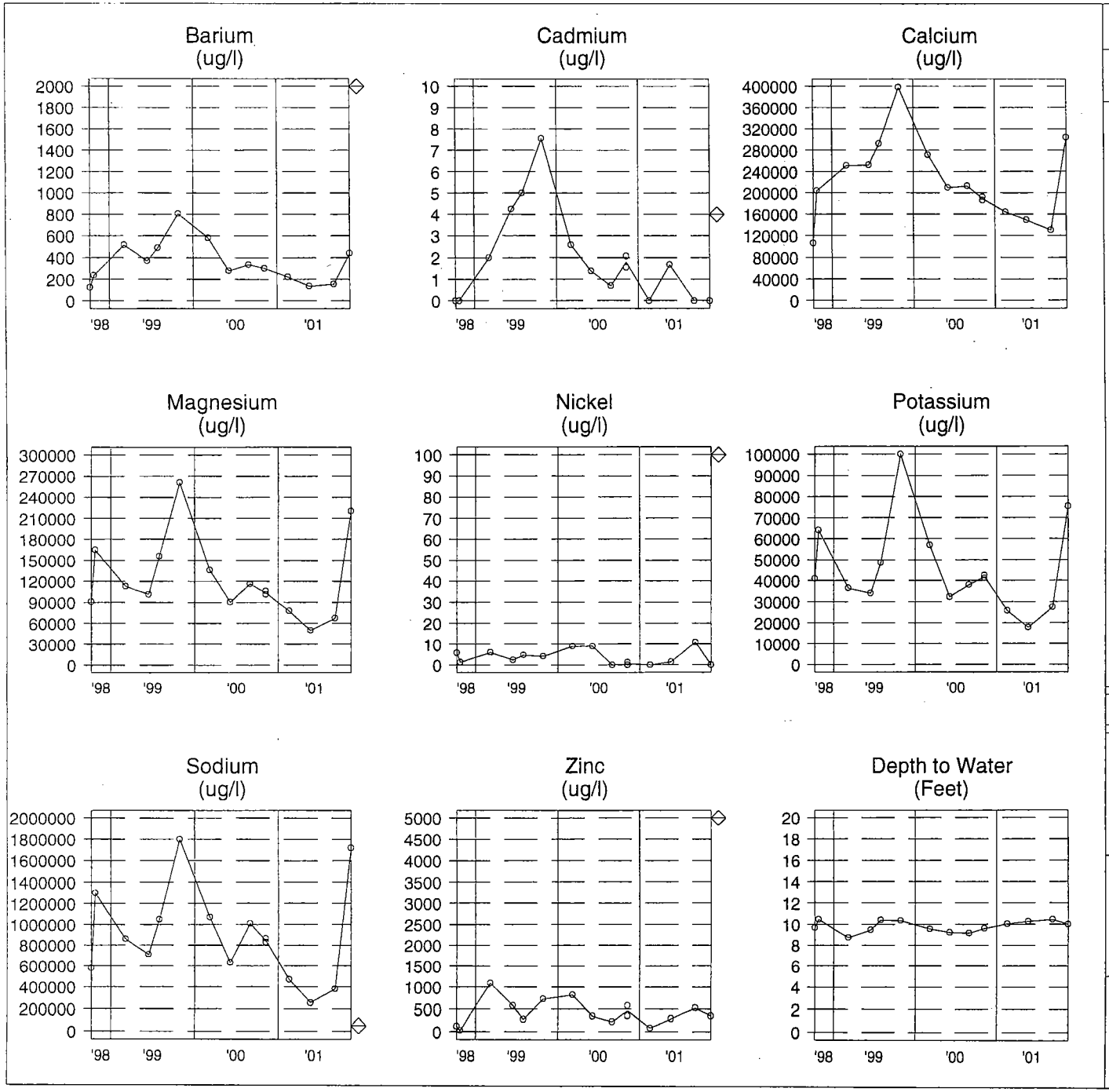
Source 4 of 8

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M3MW07

Sampling Dates:
10/07/1998 - 11/15/2001

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Chloro benzene	2-Butanone	bis(2-Ethyl hexyl) phthalate	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	300	30	200	300	50	10	20	20	-
10/20/1998	FMETL	1.01	6.34	ND	235	55500	1100	5.12	ND	4.61	V,S,P,M
11/02/1998	FMETL	1.37	5.43	ND	7030	88700	511	19.7	ND	6.41	V,S,P,M
03/01/1999	FMETL	1.55	ND	ND	852	54700	768	9.22	ND	4.68	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	747	36600	645	2.53	ND	ND	V,S,P,M
07/27/1999	FMETL	1.59	2.45	ND	1530	44200	855	4.49	ND	ND	V,S,P,M
10/26/1999	FMETL	1.66	ND	ND	347	39400	1210	2.63	ND	3.26	V,S,P,M
03/02/2000	FMETL	1.44	ND	2.31	395	37100	527	ND	ND	ND	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	119	41700	575	5.57	ND	ND	V,S,P,M
08/28/2000	FMETL	1.85	ND	2.51	173	45600	722	2.29	ND	2.54	V,S,P,M
11/07/2000	FMETL	2.08	ND	1.91	276	54900	782	55.3	ND	ND	V,S,P,M
02/14/2001	FMETL	ND	ND	ND	138	62200	629	ND	ND	ND	V,S,P,M
05/17/2001	FMETL	1.78	ND	1.60	62.5	43500	616	2.57	ND	ND	V,S,P,M
09/06/2001	FMETL	1.65	ND	ND	ND	48000	711	8.70	3.37	ND	V,S,P,M
11/15/2001	FMETL	1.39	ND	1.98	694	89700	1490	5.72	ND	ND	V,S,P,M

SOURCE: 00M3MW08

Sampling Dates:
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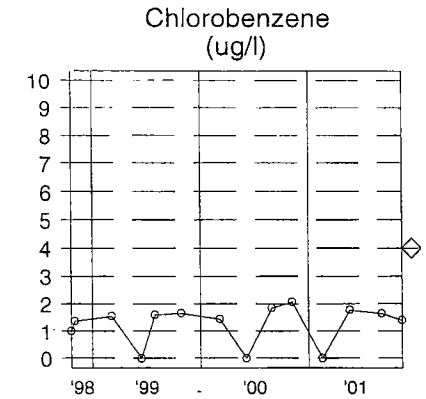

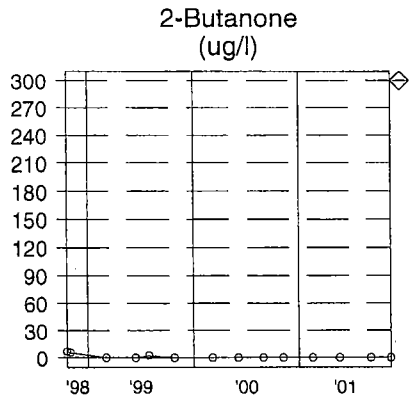

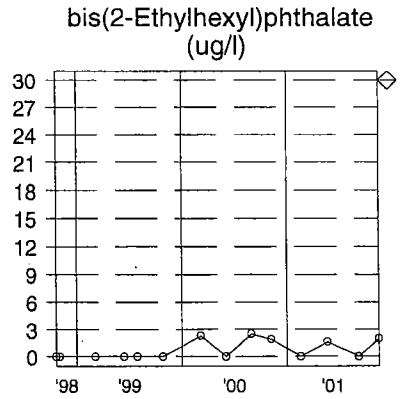

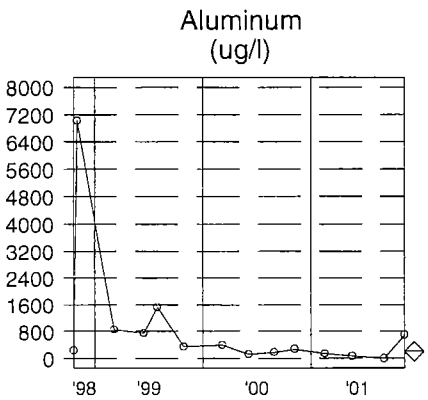

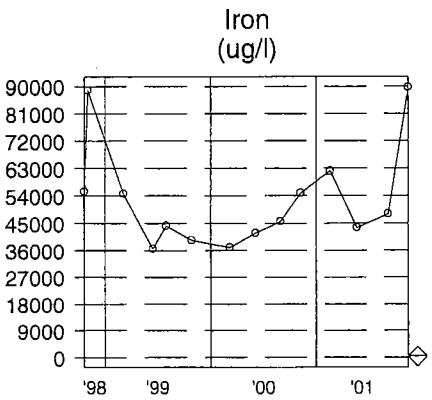

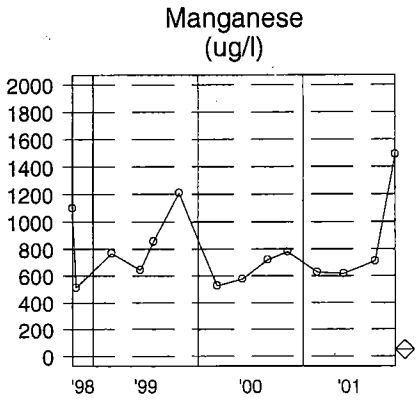

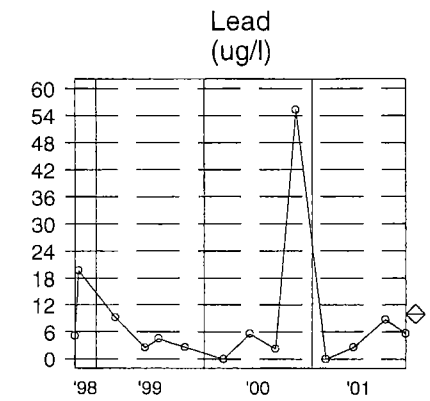

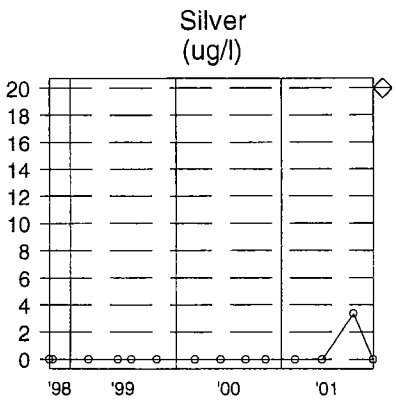

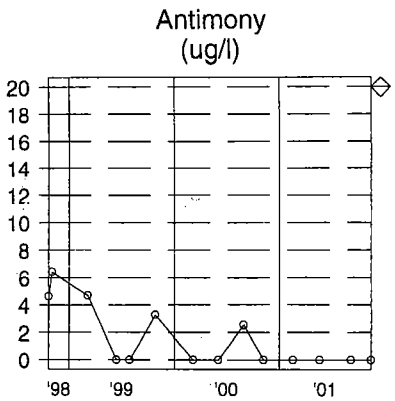

SOURCE: 00M3MW08

Sampling Dates:
10/20/1998 - 11/15/2001

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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FORT MONMOUTH
SELFM-PW-EV

12-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/20/1998	FMETL	429	ND	132000	37600	8.49	25900	168000	220	7.16	V,S,P,M
11/02/1998	FMETL	749	ND	115000	19000	6.98	24400	12100	107	7.16	V,S,P,M
03/01/1999	FMETL	271	ND	105000	24700	2.98	8910	118000	143	5.71	V,S,P,M
06/11/1999	FMETL	249	1.28	88600	16900	ND	7740	60100	61.6	6.50	V,S,P,M
07/27/1999	FMETL	404	0.95	122000	29000	2.90	11500	149000	91.8	6.93	V,S,P,M
10/26/1999	FMETL	559	0.897	214000	81000	2.25	22400	593000	30.3	7.60	V,S,P,M
03/02/2000	FMETL	274	ND	87400	27400	5.3	9300	174000	54.7	6.23	V,S,P,M
06/01/2000	FMETL	233	ND	81300	19300	11.1	6610	69800	61.4	5.97	V,S,P,M
08/28/2000	FMETL	352	ND	100000	19200	ND	7830	63200	35.7	5.65	V,S,P,M
11/07/2000	FMETL	413	ND	101000	17700	7.62	7280	36900	541	6.17	V,S,P,M
02/14/2001	FMETL	380	ND	72600	16500	ND	5900	32500	25.8	5.62	V,S,P,M
05/17/2001	FMETL	287	2.66	70400	10900	ND	4710	15600	23.8	6.00	V,S,P,M
09/06/2001	FMETL	380	1.44	83200	11800	3.81	6250	15200	156	6.60	V,S,P,M
11/15/2001	FMETL	817	ND	246000	86800	ND	22900	606000	62.3	6.98	V,S,P,M

SOURCE: 00M3MW08

Sampling Dates:
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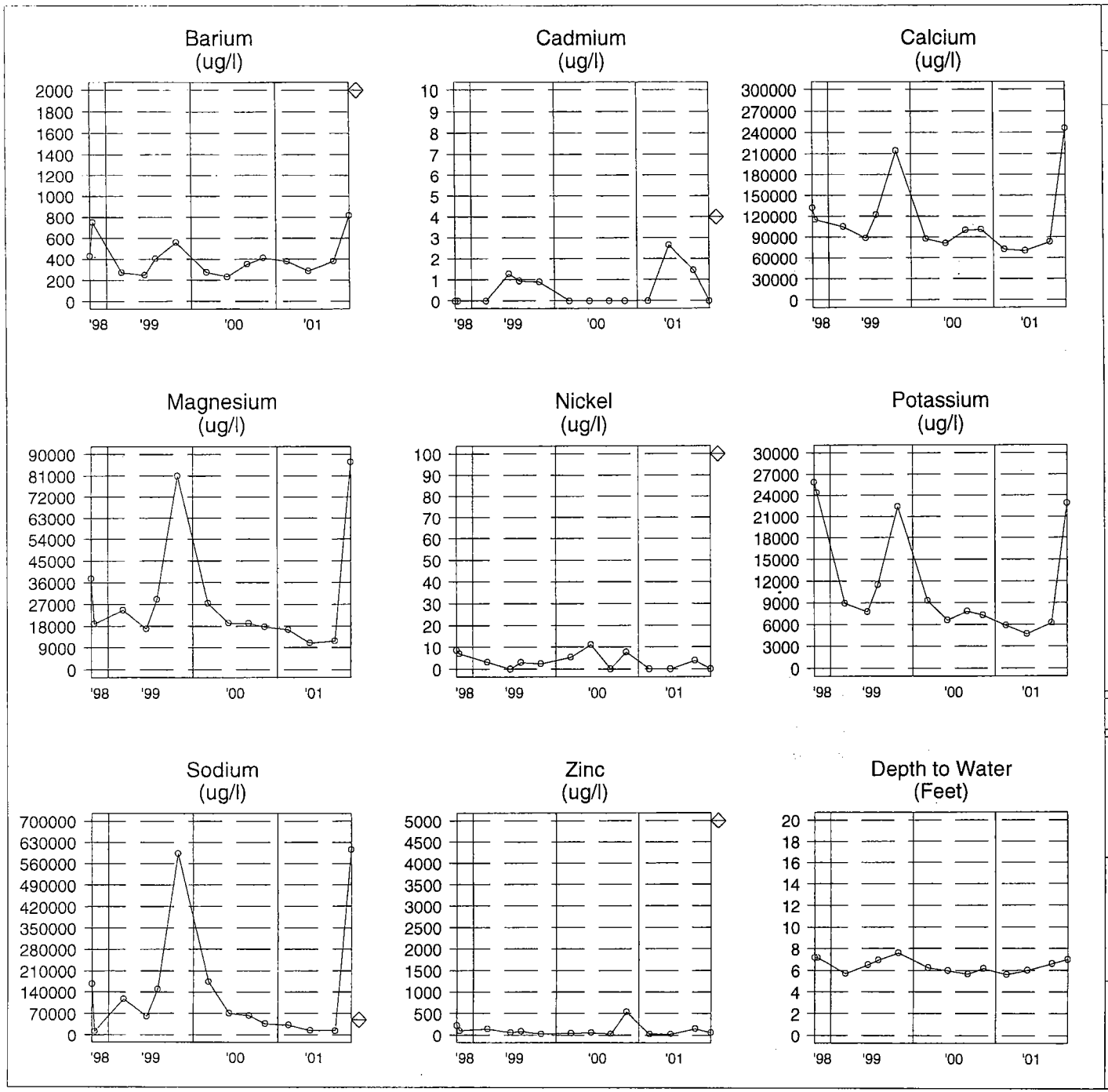
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M3MW08

Sampling Dates:
10/20/1998 - 11/15/2001

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Chloro benzene	2-Butanone	Benzene	1,4-Di chloro benzene	4,4'-DDD	Aluminum	Iron	Manganese	Lead	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	300	1	75	0.1	200	300	50	10	-
10/07/1998	FMETL	16.36	6.53	1.18	2.73	0.713	1040	17400	90.9	ND	V,S,P,M
10/23/1998	FMETL	17.33	ND	1.33	2.61	0.132	1380	73900	476	32.7	V,S,P,M
03/01/1999	FMETL	14.25	ND	ND	ND	0.167	337	60400	1740	8.46	V,S,P,M
06/11/1999	FMETL	10.22	ND	ND	ND	0.057	741	64100	595	10.6	V,S,P,M
07/27/1999	FMETL	11.69	ND	ND	2.00	0.108	ND	31.1	2.12	ND	V,S,P,M
10/26/1999	FMETL	17.37	ND	1.25	2.48	ND	832	82100	534	9.02	V,S,P,M
03/02/2000	FMETL	15.64	ND	ND	2.27	0.134	603	69800	772	2.32	V,S,P,M
06/01/2000	FMETL	15.39	ND	ND	2.51	ND	202	70600	758	4.60	V,S,P,M
08/28/2000	FMETL	20.54	ND	ND	1.87	ND	257	66500	723	4.72	V,S,P,M
11/07/2000	FMETL	16.01	ND	ND	1.46	ND	195	61700	666	ND	V,S,P,M
02/14/2001	FMETL	14.74	ND	ND	1.33	ND	73.4	62400	974	ND	V,S,P,M
05/17/2001	FMETL	15.66	ND	ND	1.96	ND	97.0	59500	694	2.93	V,S,P,M
09/06/2001	FMETL	17.23	ND	ND	2.43	0.020	1040	78300	660	34.1	V,S,P,M
11/15/2001	FMETL	10.59	ND	ND	1.26	0.018	ND	75700	646	6.08	V,S,P,M

SOURCE: 00M3MW09

Sampling Dates:
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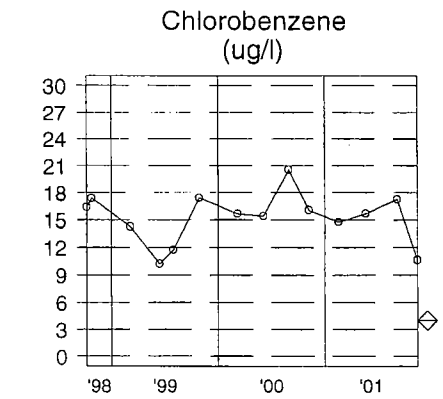
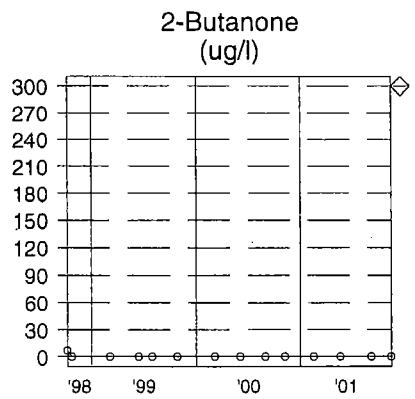
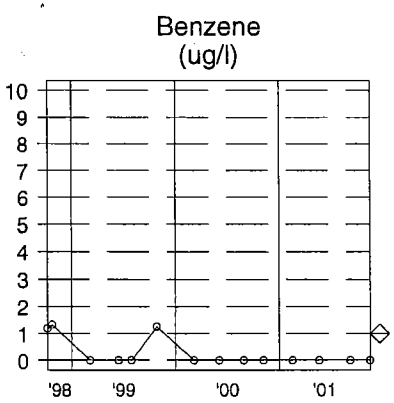
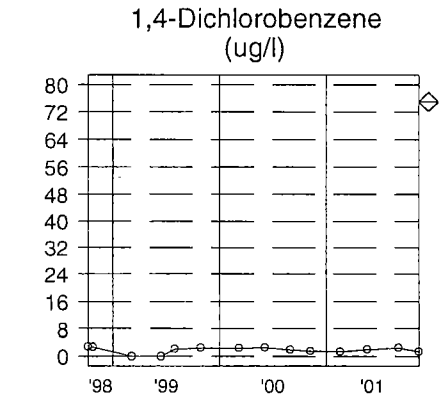
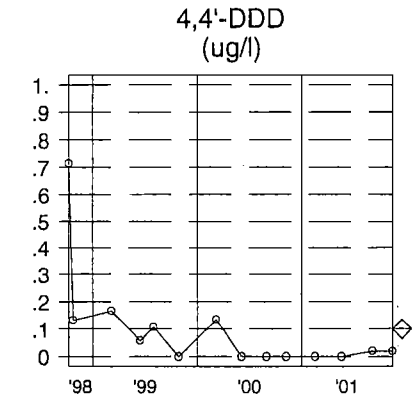
SELFM-PW-EV

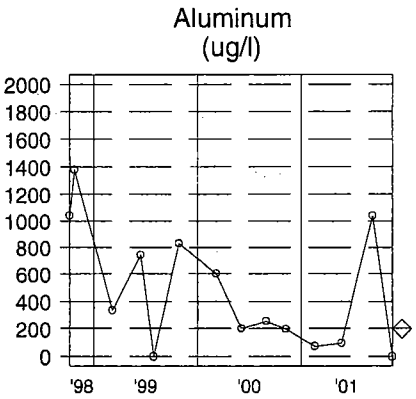


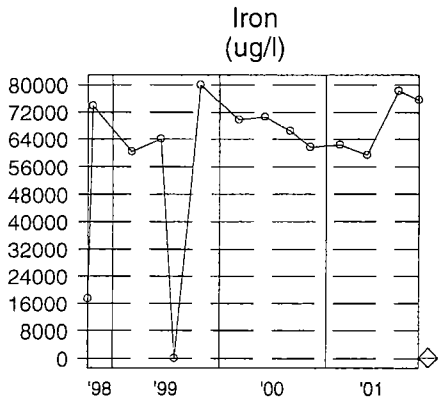


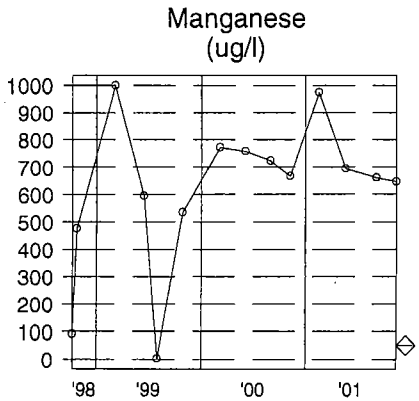


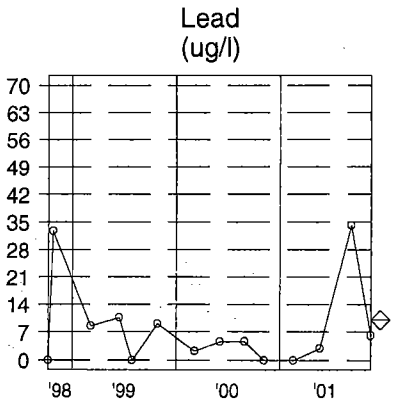












SOURCE: 00M3MW09

Sampling Dates:
10/07/1998 - 11/15/2001

LEGEND:

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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FORT MONMOUTH
SELFM-PW-EV

12-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/07/1998	FMETL	73	ND	31200	2520	ND	9390	2720	25	11.48	V,S,P,M
10/23/1998	FMETL	371	ND	62600	12900	3.14	13100	12100	60.6	11.74	V,S,P,M
03/01/1999	FMETL	430	1.26	82400	19800	22.9	13600	46900	1150	10.75	V,S,P,M
06/11/1999	FMETL	332	1.85	65400	13300	ND	9910	16300	109	11.37	V,S,P,M
07/27/1999	FMETL	ND	ND	244	54.5	1.15	292	575	7.07	11.52	V,S,P,M
10/26/1999	FMETL	401	3.58	66700	14000	8.89	10900	27500	212	11.34	V,S,P,M
03/02/2000	FMETL	412	ND	72700	16100	1.17	9870	17300	84.6	11.23	V,S,P,M
06/01/2000	FMETL	414	ND	73800	15900	9.28	9480	23200	70.8	11.05	V,S,P,M
08/28/2000	FMETL	376	ND	71400	15100	ND	10300	14600	50.1	10.73	V,S,P,M
11/07/2000	FMETL	417	ND	67900	14300	ND	10200	13400	46.9	11.29	V,S,P,M
02/14/2001	FMETL	402	ND	68800	15500	ND	8840	12100	21.6	11.02	V,S,P,M
05/17/2001	FMETL	333	3.77	59300	12200	ND	8030	13000	52.5	11.11	V,S,P,M
09/06/2001	FMETL	375	3.38	63700	14100	4.13	10100	10200	405	11.38	V,S,P,M
11/15/2001	FMETL	343	1.99	73700	19900	3.78	12200	35500	86.6	11.76	V,S,P,M

SOURCE: 00M3MW09

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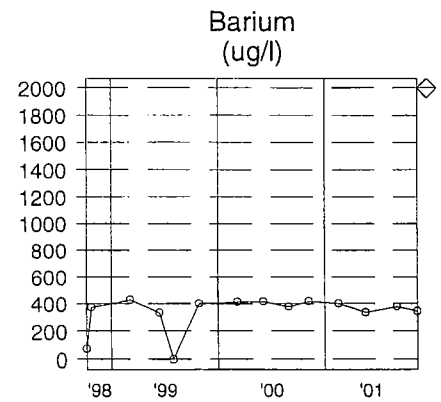

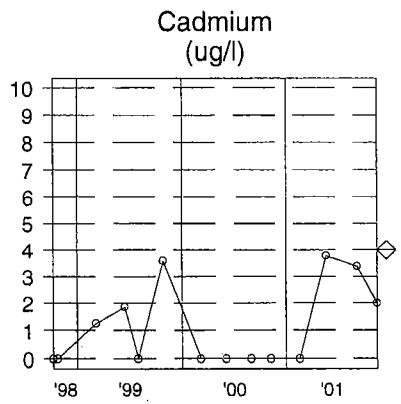

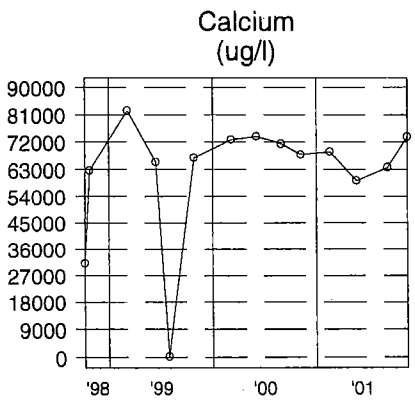

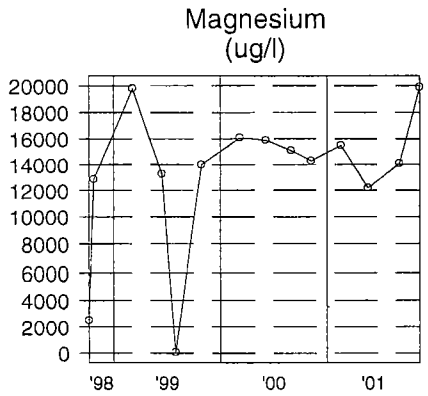

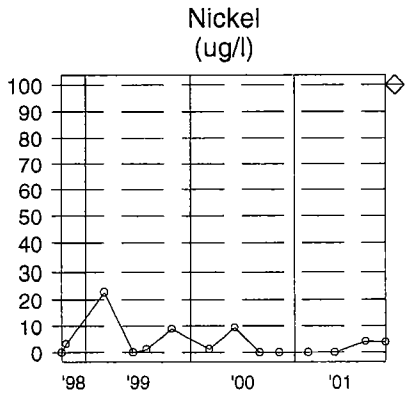

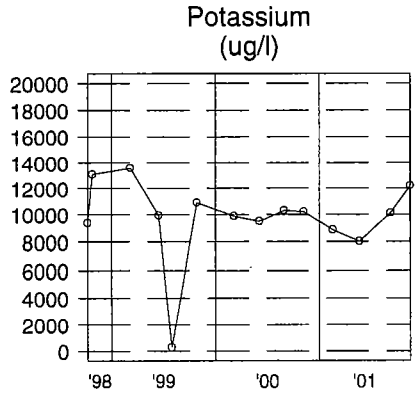

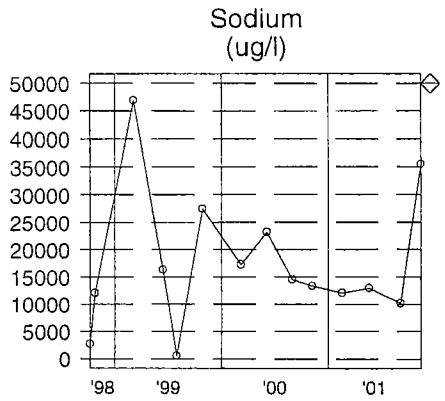

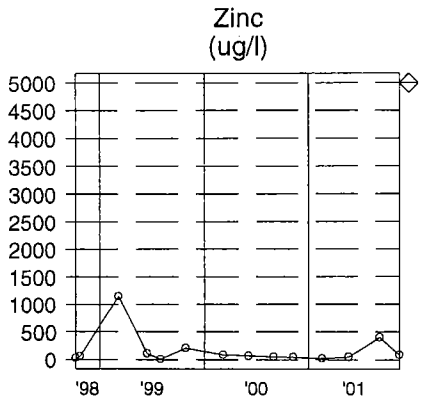

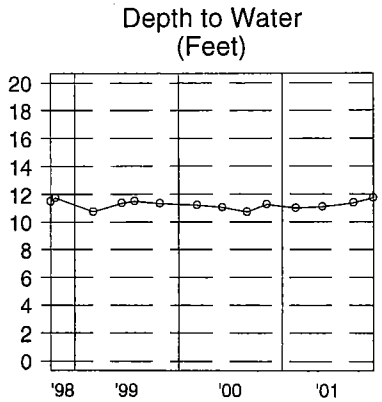

SOURCE: 00M3MW09

Sampling Dates:
10/07/1998 - 11/15/2001

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o = Date Sampled

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FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
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	Lab	Acetone	Chloro benzene	2-Butanone	1,4-Di chloro benzene	Acenaph thene	Fluorene	bis(2-Ethyl hexyl) phthalate	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	75	400	300	30	200	300	-
10/20/1998	FMETL	7.87	17.07	5.16	1.78	ND	ND	ND	1960	57400	V,S,P,M
11/02/1998	FMETL	6.94	19.19	ND	2.05	ND	ND	ND	1570	61300	V,S,P,M
03/01/1999	FMETL	ND	20.08	ND	1.79	2.55	ND	ND	1540	103000	V,S,P,M
06/11/1999	FMETL	ND	16.27	14.14	ND	1.25	ND	ND	1180	66100	V,S,P,M
07/27/1999	FMETL	3.59	15.90	4.57	1.99	1.23	ND	ND	317	67700	V,S,P,M
10/26/1999	FMETL	ND	19.56	ND	2.13	1.78	1.33	ND	268	62300	V,S,P,M
03/02/2000	FMETL	ND	15.34	ND	1.89	1.18	1.04	2.06	2330	91200	V,S,P,M
06/01/2000	FMETL	ND	11.80	ND	1.45	1.40	1.02	2.15	187	62300	V,S,P,M
08/28/2000	FMETL	ND	18.05	ND	1.62	1.97	1.43	2.66	910	64400	V,S,P,M
11/07/2000	FMETL	7.00	18.59	ND	1.38	1.81	1.19	1.60	397	64800	V,S,P,M
02/14/2001	FMETL	ND	13.84	ND	ND	1.03	ND	ND	97.0	84400	V,S,P,M
05/17/2001	FMETL	10.05	15.98	ND	1.22	1.24	ND	1.36	827	66700	V,S,P,M
09/06/2001	FMETL	ND	15.80	ND	1.37	1.47	1.13	1.50	925	62300	V,S,P,M
11/15/2001	FMETL	ND	15.8	ND	1.42	1.40	1.00	1.49	1990	68300	V,S,P,M

SOURCE: 00M3MW10

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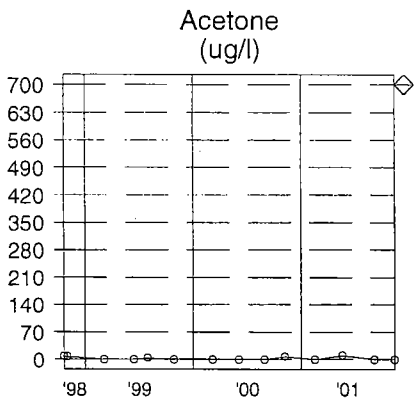

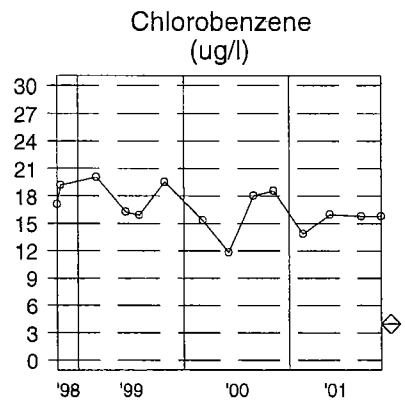

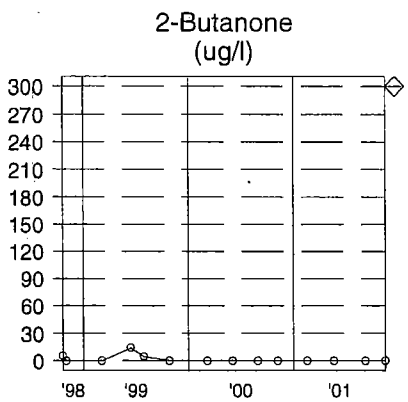

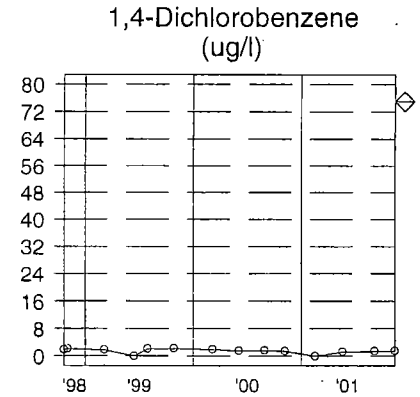

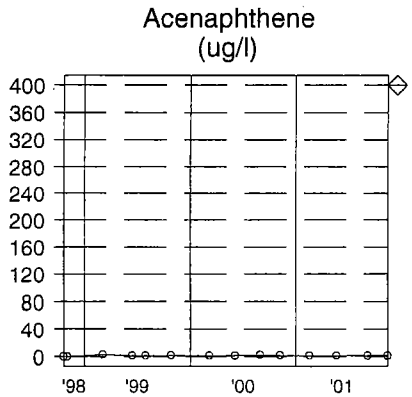

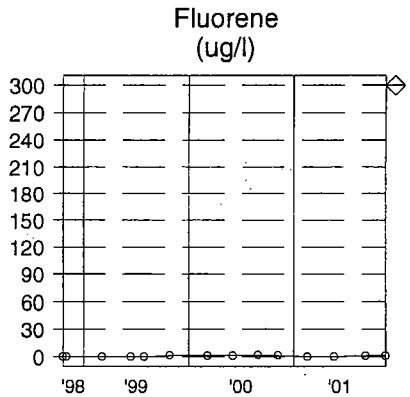

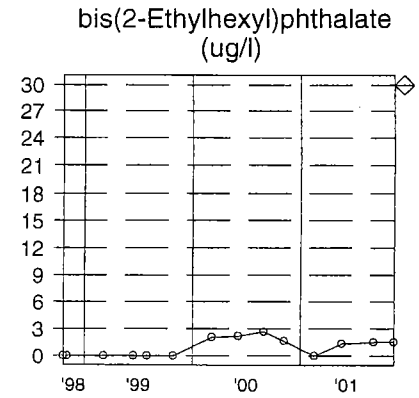

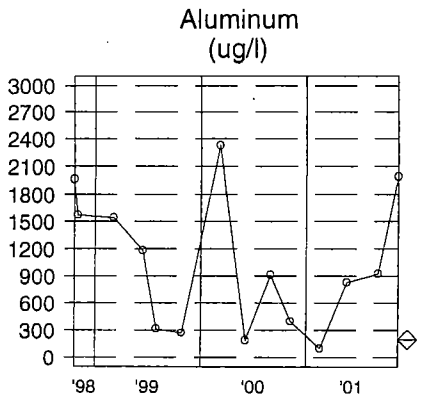

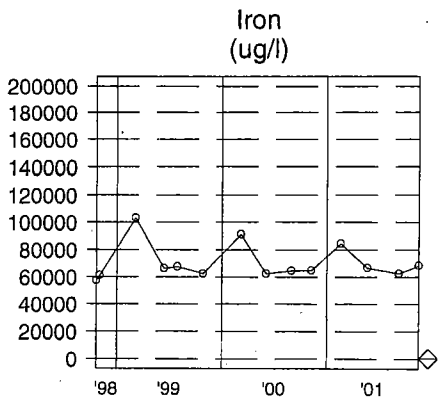

SOURCE: 00M3MW10

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FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	2000	4	NLE	NLE	100	NLE	-
10/20/1998	FMETL	405	9.95	ND	561	ND	91700	14100	1.59	15000	V,S,P,M
11/02/1998	FMETL	993	9.2	4.67	513	ND	139000	37100	4.62	20600	V,S,P,M
03/01/1999	FMETL	761	9.86	2.79	947	ND	119000	19700	28	13500	V,S,P,M
06/11/1999	FMETL	708	2.58	ND	592	ND	108000	17300	ND	12800	V,S,P,M
07/27/1999	FMETL	866	7.30	ND	345	1.58	66200	13900	5.49	11900	V,S,P,M
10/26/1999	FMETL	662	ND	ND	635	ND	110000	17900	ND	12500	V,S,P,M
03/02/2000	FMETL	682	ND	ND	760	ND	95500	16200	1.62	10400	V,S,P,M
06/01/2000	FMETL	735	ND	2.32	678	ND	109000	17300	11.6	10300	V,S,P,M
08/28/2000	FMETL	564	1.60	ND	604	ND	104000	16200	ND	11700	V,S,P,M
11/07/2000	FMETL	588	ND	ND	689	ND	110000	16500	ND	11400	V,S,P,M
02/14/2001	FMETL	630	ND	ND	762	2.93	92600	14800	ND	8440	V,S,P,M
05/17/2001	FMETL	553	4.31	ND	625	4.08	97500	15500	1.92	9390	V,S,P,M
09/06/2001	FMETL	525	5.64	ND	655	2.05	105000	16500	ND	11300	V,S,P,M
11/15/2001	FMETL	526	9.11	ND	685	1.36	115000	20200	1.35	13200	V,S,P,M

SOURCE: 00M3MW10

Sampling Dates:
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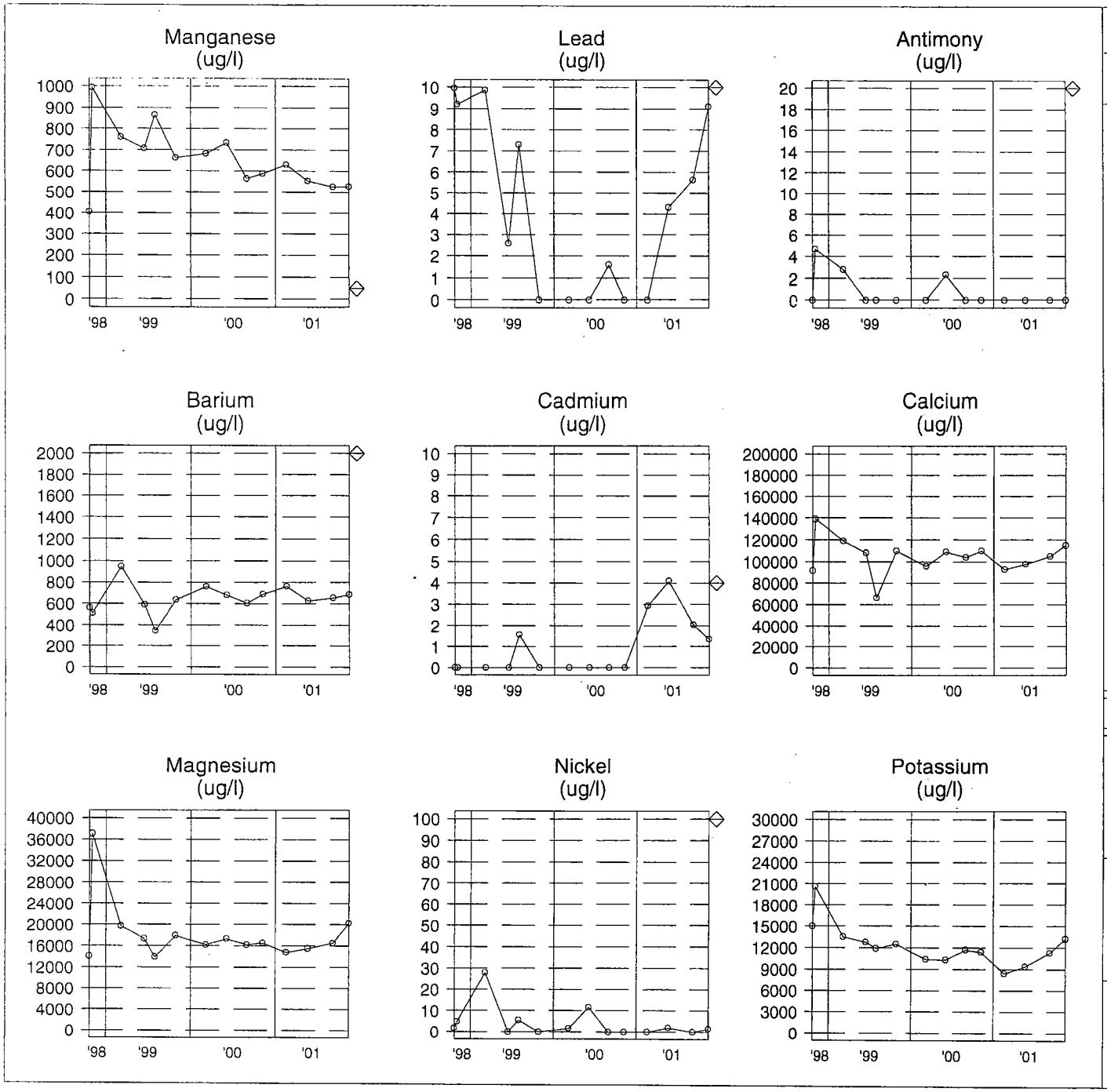

SOURCE: 00M3MW10

Sampling Dates:
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o = Date Sampled

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FORT MONMOUTH
SELFM-PW-EV

12-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Sodium	Zinc	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	50000	5000	-							-
10/20/1998	FMETL	15500	35.2	6.11							V,S,P,M
11/02/1998	FMETL	154000	229	6.11							V,S,P,M
03/01/1999	FMETL	16500	144	5.03							V,S,P,M
06/11/1999	FMETL	17300	28.8	5.76							V,S,P,M
07/27/1999	FMETL	24900	91.5	6.08							V,S,P,M
10/26/1999	FMETL	25600	8.12	5.61							V,S,P,M
03/02/2000	FMETL	14400	83.8	5.30							V,S,P,M
06/01/2000	FMETL	14400	19.3	5.53							V,S,P,M
08/28/2000	FMETL	16200	42.2	5.31							V,S,P,M
11/07/2000	FMETL	16400	23.5	5.85							V,S,P,M
02/14/2001	FMETL	12300	21.9	5.18							V,S,P,M
05/17/2001	FMETL	13900	33.1	5.53							V,S,P,M
09/06/2001	FMETL	15300	27.8	8.10							V,S,P,M
11/15/2001	FMETL	40200	56.9	6.29							V,S,P,M

SOURCE: 00M3MW10

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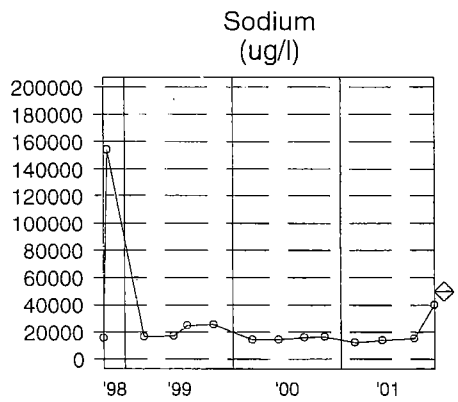

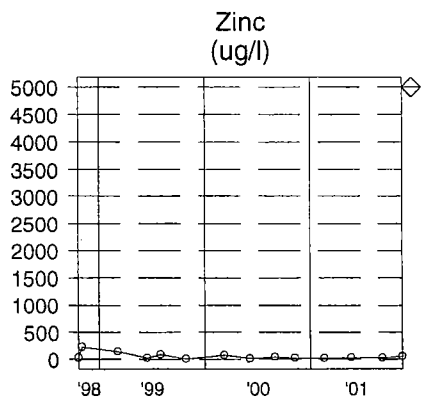

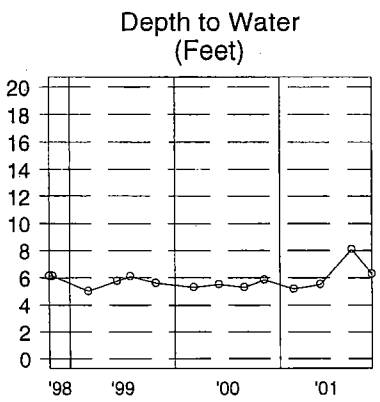

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Sampling Dates:
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NJDEP Criteria

FORT MONMOUTH

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FORT MONMOUTH
SELFM-PW-EV

12-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Chloro benzene	1,4-Di chloro benzene	Acenaph thene	Fluorene	4,4'-DDD	Aluminum	Iron	Manganese	Lead	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	75	400	300	0.1	200	300	50	10	-
10/07/1998	FMETL	5.03	2.46	ND	ND	0.04	3480	62200	588	11	V,S,P,M
10/23/1998	FMETL	5.56	2.6	ND	ND	ND	500	49900	549	3.83	V,S,P,M
03/02/1999	FMETL	2.66	ND	ND	ND	ND	6840	73200	1780	11.2	V,S,P,M
06/11/1999	FMETL	5.44	1.57	1.14	1.18	0.079	7620	82400	956	15.2	V,S,P,M
07/27/1999	FMETL	5.60	2.99	1.21	1.19	0.044	7580	77800	897	22.3	V,S,P,M
10/26/1999	FMETL	6.28	3.44	1.84	1.84	ND	2750	65800	822	7.95	V,S,P,M
03/02/2000	FMETL	3.26	1.40	ND	ND	ND	1330	47300	1020	ND	V,S,P,M
06/01/2000	FMETL	3.56	1.58	1.16	1.01	ND	2160	64800	1010	17.8	V,S,P,M
06/01/2000D	FMETL	3.50	ND	1.32	1.14	ND	1370	59300	1020	6.21	V,S,P,M
08/28/2000	FMETL	3.27	1.17	1.16	1.12	ND	1250	50600	1890	4.17	V,S,P,M
11/07/2000	FMETL	5.65	2.87	1.44	1.32	ND	1380	63600	873	4.35	V,S,P,M
02/14/2001	FMETL	1.64	ND	ND	ND	ND	289	43300	1400	ND	V,S,P,M
05/17/2001	FMETL	3.97	1.31	ND	ND	0.024	858	48500	910	5.52	V,S,P,M
09/06/2001	FMETL	4.43	1.82	1.28	1.18	ND	702	52400	702	6.09	V,S,P,M
11/15/2001	FMETL	4.78	1.85	ND	ND	0.016	752	54200	694	6.62	V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
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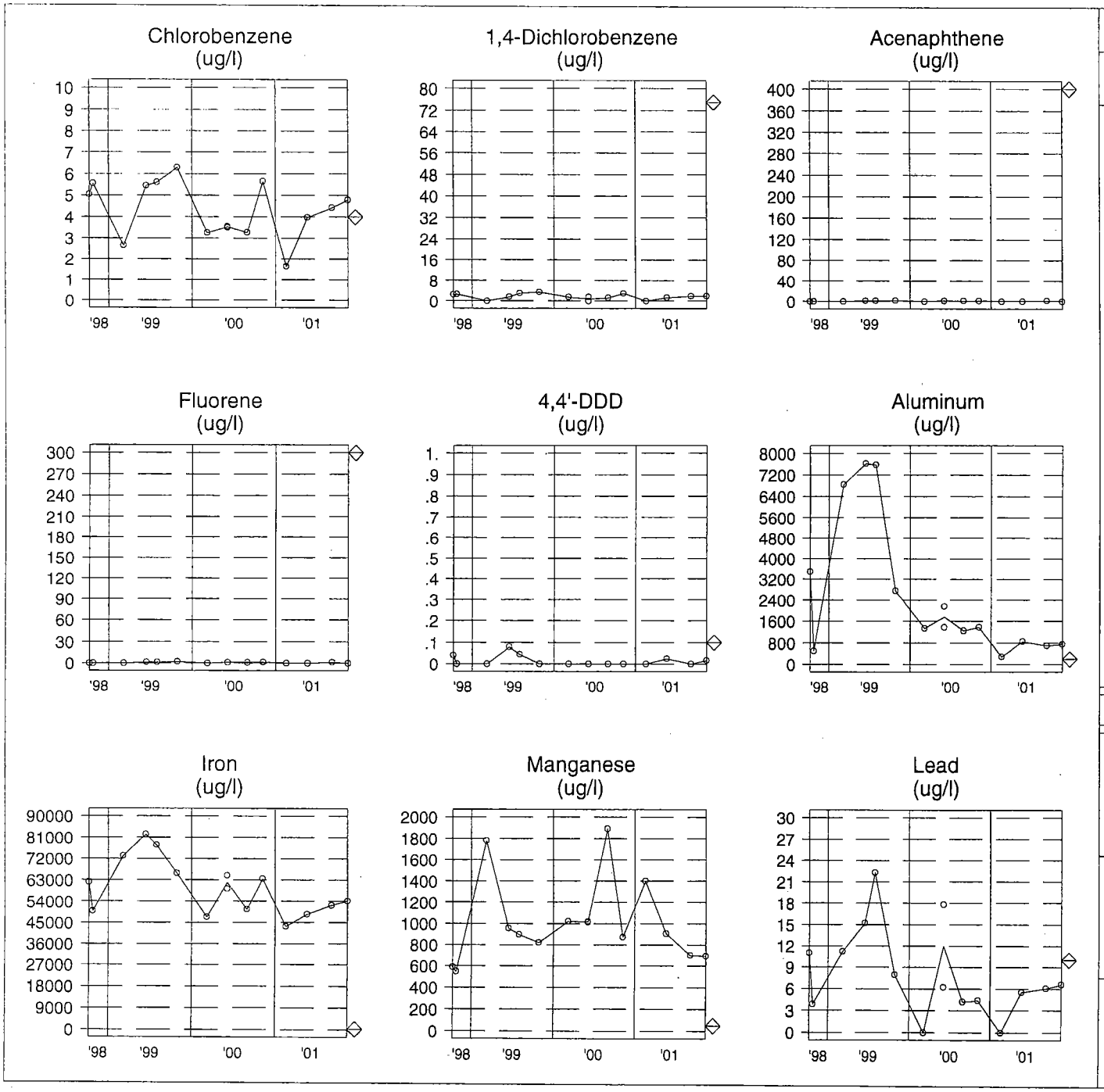

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Sampling Dates:
10/07/1998 - 11/15/2001

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NJDEP Criteria

FORT MONMOUTH

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FORT MONMOUTH
SELFM-PW-EV

12-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/07/1998	FMETL	393	1.2	116000	10300	29	12100	13600	435	8.56	V,S,P,M
10/23/1998	FMETL	341	ND	108000	9020	6.2	8620	7180	98.2	8.63	V,S,P,M
03/02/1999	FMETL	279	12.3	185000	14500	263	8110	14800	3350	7.65	V,S,P,M
06/11/1999	FMETL	529	47.3	108000	10200	79.8	8430	10700	1850	8.27	V,S,P,M
07/27/1999	FMETL	472	14.6	117000	11400	157	9960	10900	2320	8.55	V,S,P,M
10/26/1999	FMETL	468	7.61	112000	9970	24.2	8450	11100	330	8.03	V,S,P,M
03/02/2000	FMETL	287	15	151000	13000	359	7320	13200	6050	7.72	V,S,P,M
06/01/2000	FMETL	436	19.1	133000	11300	104	6780	10200	1550	7.93	V,S,P,M
06/01/2000D	FMETL	408	11.7	134000	11300	87.8	6600	10600	1140	7.93	V,S,P,M
08/28/2000	FMETL	271	12.7	133000	11000	469	7090	11300	3850	8.73	V,S,P,M
11/07/2000	FMETL	464	8.89	115000	10000	38.0	7190	9290	1060	8.05	V,S,P,M
02/14/2001	FMETL	330	6.31	163000	13000	530	7190	20100	3140	7.25	V,S,P,M
05/17/2001	FMETL	263	6.91	99700	8600	116	5480	ND	1880	7.81	V,S,P,M
09/06/2001	FMETL	330	4.48	115000	9960	36.7	6770	5790	731	8.48	V,S,P,M
11/15/2001	FMETL	388	5.30	13100	11300	46.9	7850	9940	942	8.49	V,S,P,M

SOURCE: 00M3MW11

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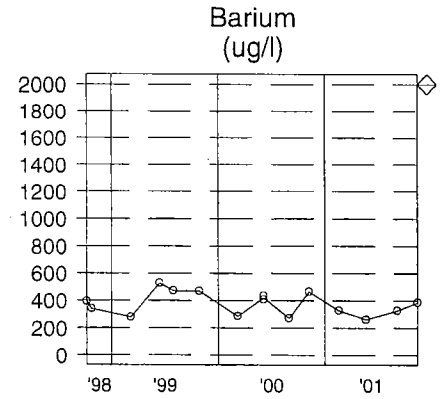
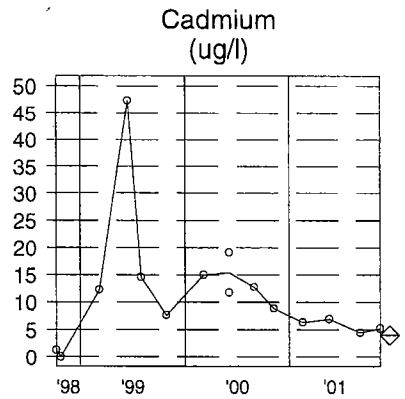
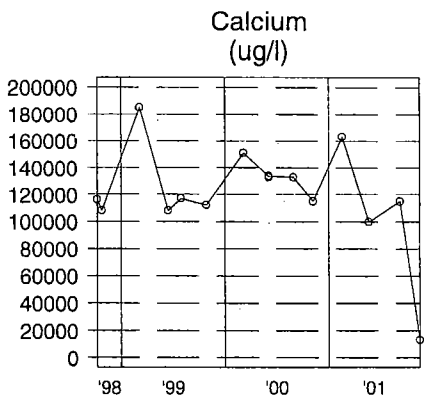
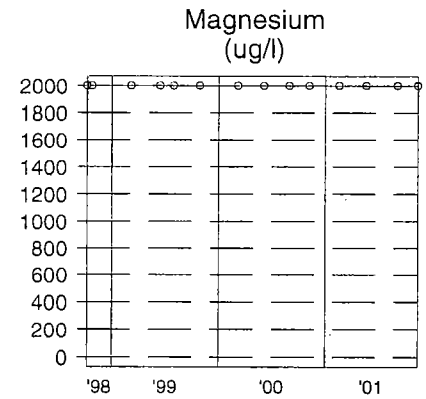
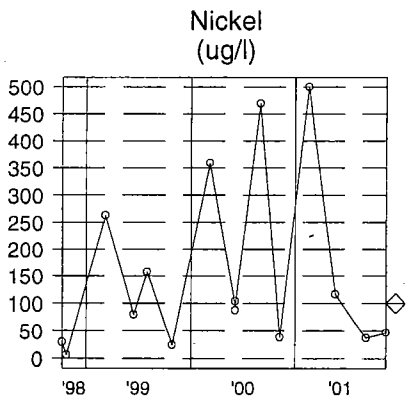
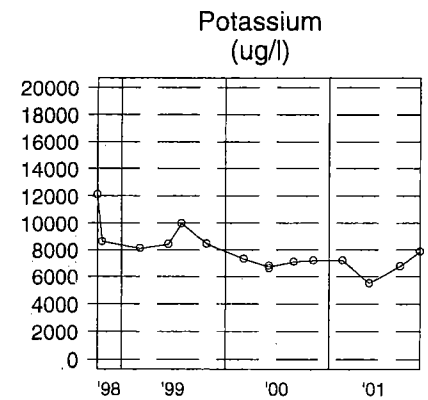


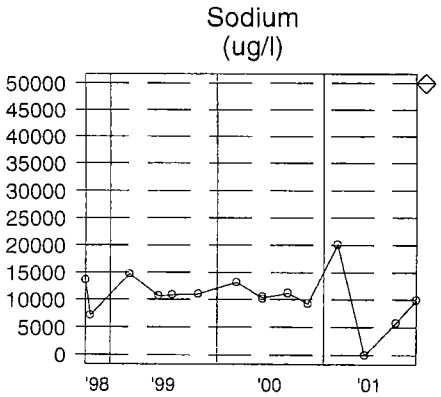


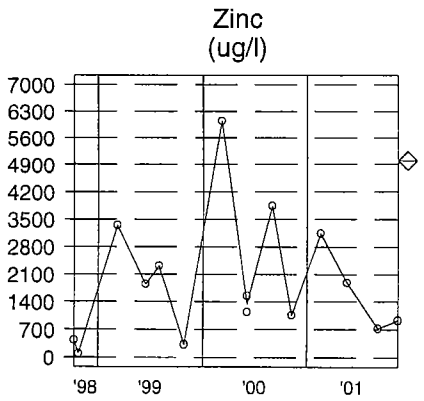


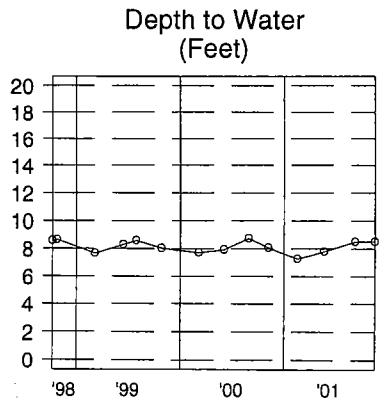












SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 11/15/2001

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-2001 x:\mtech46\fm\m-3\gw\m-3.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-3

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
2003404	00M3MW04	29-32568	01/16/02
2003405	00M3MW05	29-32569	01/16/02
2003406	00M3MW06	29-32570	01/16/02
2003407	00M3MW07	29-39173	01/16/02
2003408	00M3MW08	29-39174	01/16/02
2003409	00M3MW09	29-39175	01/16/02
2003410	00M3MW10	29-39176	01/16/02
2003411	00M3MW11	29-39145	01/16/02

NJDEP Laboratory Certification # 13461

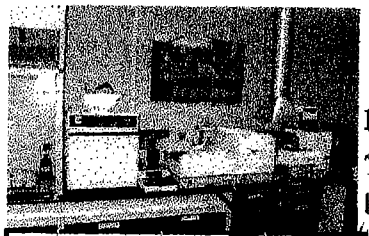
3-22-02

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 726223
( )DERA ( )OMA ( )Other:

Project No:
Location: M3 wells
1st Qrtr '02

Samplers Name / Company: Corey McCormach, TVS

Comments: HCL/HNO3/24°C

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VOTIS	TAL MTLS	Pest/PCB	BNA +25				Hex Reed	Remarks / Preservation Method
20094	01	Trip	1/16/02	0749	AQ	2	✓							—	
	02	Field Blank		0930		5	✓	✓	✓	✓				—	
	03	Dupe		—		5	✓	✓	✓	✓				—	
	04	M3mw04		1025		5	✓	✓	✓	✓				0.0	29- 32568
	05	M3mw05		0949		5	✓	✓	✓	✓				0.0	29- 32569
	06	M3mw06		1001		5	✓	✓	✓	✓				0.0	29- 32570
	07	M3mw07		1031		5	✓	✓	✓	✓				0.0	29- 39173
	08	M3mw08		1059		5	✓	✓	✓	✓				0.0	29- 39174
	09	M3mw09		1115		9	✓	✓	✓	✓				0.0	29- 39175
	10	M3mw10		1413		5	✓	✓	✓	✓				0.0	29- 39176
	11	M3mw11		1341		5	✓	✓	✓	✓				0.0	29- 39145

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormach	1/16/02 1530	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: Tide: L → IH

print legibly

Coc.xls12/18/01

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW04
NJDEP ID #: 29-32568
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 01/16/02
WEATHER: Sunny and cool.
TIDE: Low Incoming.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 14.60 ft
DEPTH OF WELL: 25.11 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.51 ft
(10.51) X .65 X 3 =20.49
GALLONS OF H2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:27
pH 5.79 su
DISSOLVED O2 5.37 mg/L
TEMP 15.8 °C
SPECIFIC CONDUCTIVITY 47.21 ms/cm

PURGE END TIME: 10:24
pH 5.11 su
DISSOLVED O2 2.47 mg/L
TEMP 15.2 °C
SPECIFIC CONDUCTIVITY 49.32 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 15.16 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 10:25
pH 5.07 su
DISSOLVED O2 2.31 mg/L
TEMP 15.1 °C
SPECIFIC CONDUCTIVITY 49.57 ms/cm

SAMPLE END TIME: 10:29

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW05
NJDEP ID #: 29-32569
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 01/16/02
WEATHER: Sunny and cool.
TIDE: Low-Incoming.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.21 ft
DEPTH OF WELL: 18.14 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.93 ft
(8.93) X .65 X 3 = 17.41
GALLONS OF H2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:34
pH 6.10 su
DISSOLVED O2 3.22 mg/L
TEMP 16.11 °C
SPECIFIC CONDUCTIVITY 81.71 ms/cm

PURGE END TIME: 09:48
pH 5.89 su
DISSOLVED O2 2.01 mg/L
TEMP 15.31 °C
SPECIFIC CONDUCTIVITY 83.91 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 10.25 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 09:49
pH 5.87 su
DISSOLVED O2 1.98 mg/L
TEMP 15.28 °C
SPECIFIC CONDUCTIVITY 83.99 ms/cm

SAMPLE END TIME: 09:54

COMMENTS: Particles.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW06
NJDEP ID #: 29-32570
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 01/16/02
WEATHER: Sunny and cool.
TIDE: Low-Incoming.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.94 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.23 ft
(8.23) X .65 X 3 =16.04
GALLONS OF H2O TO BE PURGED: 16 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:50
pH 5.77 su
DISSOLVED O2 3.11 mg/L
TEMP 15.82 °C
SPECIFIC CONDUCTIVITY 152.7 ms/cm

PURGE END TIME: 10:00
pH 5.69 su
DISSOLVED O2 2.03 mg/L
TEMP 15.10 °C
SPECIFIC CONDUCTIVITY 153.8 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 11.09 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 10:01
pH 5.70 su
DISSOLVED O2 1.90 mg/L
TEMP 15.07 °C
SPECIFIC CONDUCTIVITY 153.9 ms/cm

SAMPLE END TIME: 10:07

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW07
NJDEP ID #: 29-39173
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 01/16/02
WEATHER: Sunny and cool.
TIDE: Low-Incoming.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 10.33 ft
DEPTH OF WELL: 18.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.15 ft
(8.15) X .163 X 3 =3.98
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:14
pH 7.08 su
TEMP 15.76 °C
DISSOLVED O2 4.91 mg/L
SPECIFIC CONDUCTIVITY 1176 ms/cm

PURGE END TIME: 10:31
pH 6.67 su
TEMP 15.11 °C
DISSOLVED O2 2.19 mg/L
SPECIFIC CONDUCTIVITY 1121 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 12.73 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 10:32
pH 6.67 su
TEMP 15.08 °C
DISSOLVED O2 2.11 mg/L
SPECIFIC CONDUCTIVITY 1118 ms/cm

SAMPLE END TIME: 10:38

COMMENTS: Cloudy while bailing. DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW08
NJDEP ID #: 29-39174
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 01/16/02
WEATHER: Sunny and cool.
TIDE: Low-Incoming.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 7.18 ft
DEPTH OF WELL: 15.23 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.05 ft
(8.05) X .163 X 3 = 3.93
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:41
pH 6.71 su
DISSOLVED O2 4.81 mg/L
TEMP 16.21 °C
SPECIFIC CONDUCTIVITY 1043 ms/cm

PURGE END TIME: 10:58
pH 6.18 su
DISSOLVED O2 1.79 mg/L
TEMP 15.21 °C
SPECIFIC CONDUCTIVITY 1020 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 7.35 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 10:59
pH 6.11 su
DISSOLVED O2 1.68 mg/L
TEMP 15.08 °C
SPECIFIC CONDUCTIVITY 1018 ms/cm

SAMPLE END TIME: 11:03

COMMENTS: Slightly cloudy at end of bail.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW09
NJDEP ID #: 29-39175
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 01/16/02
WEATHER: Sunny and cool.
TIDE: Low-Incoming.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 12.00 ft
DEPTH OF WELL: 16.95 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 4.95 ft
(4.95) X .163 X 3 = 2.42
GALLONS OF H2O TO BE PURGED: 2 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:05
pH 6.37 su
DISSOLVED O2 3.10 mg/L
TEMP 16.23 °C
SPECIFIC CONDUCTIVITY 237.4 ms/cm

PURGE END TIME: 11:14
pH 6.21 su
DISSOLVED O2 2.07 mg/L
TEMP 15.19 °C
SPECIFIC CONDUCTIVITY 210.8 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 13.26 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 2 gal

SAMPLE START TIME: 11:15
pH 6.20 su
DISSOLVED O2 2.00 mg/L
TEMP 15.21 °C
SPECIFIC CONDUCTIVITY 207.6 ms/cm

SAMPLE END TIME: 11:19

COMMENTS: MS/MSD here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW10
NJDEP ID #: 29-39176
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 01/16/02
WEATHER: Sunny and cool.
TIDE: Low-Incoming.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.20 ft
DEPTH OF WELL: 16.05 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.85 ft
(9.85) X .163 X 3 = 4.87
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:50
pH 6.03 su
DISSOLVED O2 4.20 mg/L
TEMP 15.39 °C
SPECIFIC CONDUCTIVITY 81.76 ms/cm

PURGE END TIME: 14:12
pH 5.81 su
DISSOLVED O2 2.98 mg/L
TEMP 15.11 °C
SPECIFIC CONDUCTIVITY 84.21 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 6.98 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 14:13
pH 5.80 su
DISSOLVED O2 2.57 mg/L
TEMP 15.09 °C
SPECIFIC CONDUCTIVITY 84.29 ms/cm

SAMPLE END TIME: 14:19

COMMENTS: Cloudy while bailing.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW11
NJDEP ID #: 29-39145
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 01/16/02
WEATHER: Sunny and cool.
TIDE: Low-Incoming.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 8.28 ft
DEPTH OF WELL: 16.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.22 ft
(8.22) X .163 X 3 = 4.01
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:23
pH 6.13 su
TEMP 15.76 °C
DISSOLVED O2 3.78 mg/L
SPECIFIC CONDUCTIVITY 361.7 ms/cm

PURGE END TIME: 13:40
pH 5.88 su
TEMP 14.93 °C
DISSOLVED O2 2.00 mg/L
SPECIFIC CONDUCTIVITY 110.8 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 9.50 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 13:41
pH 5.85 su
TEMP 14.90 °C
DISSOLVED O2 1.86 mg/L
SPECIFIC CONDUCTIVITY 110.0 ms/cm

SAMPLE END TIME: 13:47

COMMENTS: Cloudy while bailing.

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	:	Method Detection Limit
J	:	Compound identified below detection limit
B	:	Compound found in blank
D	:	Results are from a dilution of the sample
U	:	Compound searched for but not detected
E	:	Compound exceeds calibration limit
PQL	:	Practical Quantitation Limit
NLE	:	No limit established
RT	:	Retention time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010642.D**	Sample Name	**MB 18Jan02**
Operator	**Skelton**	Field ID	**MB 18Jan02**
Date Acquired	**18 Jan 2002 1:27 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	8.41 ug/L	
107131	Acrylonitrile			not detected	50	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	30	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.33 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.40 ug/L	
67-64-1	Acetone			not detected	700	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	300	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.45 ug/L	
67-66-3	Chloroform			not detected	6	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.39 ug/L	
71-43-2	Benzene			not detected	1	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.72 ug/L	
108-88-3	Toluene			not detected	1000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	100	0.39 ug/L	
75-25-2	Bromoform			not detected	4	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.52 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 18Jan02

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20034 Location: M3Well SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: MB 18Jan02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010642.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: not dec. _____ Date Analyzed: 1/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010643.D**	Sample Name	**2003401**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**18 Jan 2002 2:09 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	8.41 ug/L	
107131	Acrylonitrile			not detected	50	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	30	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.33 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.40 ug/L	
67-64-1	Acetone			not detected	700	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	300	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.45 ug/L	
67-66-3	Chloroform			not detected	6	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.39 ug/L	
71-43-2	Benzene			not detected	1	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.72 ug/L	
108-88-3	Toluene			not detected	1000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	100	0.39 ug/L	
75-25-2	Bromoform			not detected	4	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.52 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20034 Location: M3Well SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2003401

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010643.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: not dec. Date Analyzed: 1/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010644.D**	Sample Name	**2003402**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**18 Jan 2002 2:50 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	8.41 ug/L	
107131	Acrylonitrile			not detected	50	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	30	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.33 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.40 ug/L	
67-64-1	Acetone			not detected	700	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	300	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.45 ug/L	
67-66-3	Chloroform			not detected	6	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.39 ug/L	
71-43-2	Benzene			not detected	1	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.72 ug/L	
108-88-3	Toluene			not detected	1000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	100	0.39 ug/L	
75-25-2	Bromoform			not detected	4	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.52 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20034 Location: M3Well SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2003402

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010644.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: not dec. Date Analyzed: 1/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010645.D**	Sample Name	**2003403**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**18 Jan 2002 3:31 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	8.41 ug/L	
107131	Acrylonitrile			not detected	50	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	30	0.37 ug/L	
75-01-4	Vinyl Chloride	5.07	302843	6.44 ug/L	5	0.33 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.40 ug/L	
67-64-1	Acetone			not detected	700	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	300	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.79	148951	2.38 ug/L	10	0.45 ug/L	
67-66-3	Chloroform			not detected	6	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.39 ug/L	
71-43-2	Benzene			not detected	1	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.72 ug/L	
108-88-3	Toluene			not detected	1000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	100	0.39 ug/L	
75-25-2	Bromoform			not detected	4	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.52 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20034 Location: M3Well SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2003403

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010645.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: not dec. Date Analyzed: 1/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010646.D**	Sample Name	**2003404**
Operator	**Skelton**	Field ID	**M3MW04**
Date Acquired	**18 Jan 2002 4:11 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	8.41 ug/L	
107131	Acrylonitrile			not detected	50	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	30	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.33 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.40 ug/L	
67-64-1	Acetone			not detected	700	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	300	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.45 ug/L	
67-66-3	Chloroform			not detected	6	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.39 ug/L	
71-43-2	Benzene			not detected	1	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.72 ug/L	
108-88-3	Toluene			not detected	1000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	100	0.39 ug/L	
75-25-2	Bromoform			not detected	4	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.52 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW04

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20034 Location: M3Well SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2003404

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010646.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: not dec. _____ Date Analyzed: 1/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010647.D**	Sample Name	**2003405**
Operator	**Skelton**	Field ID	**M3MW05**
Date Acquired	**18 Jan 2002 4:52 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	8.41 ug/L	
107131	Acrylonitrile			not detected	50	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	30	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.33 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.40 ug/L	
67-64-1	Acetone			not detected	700	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	300	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.45 ug/L	
67-66-3	Chloroform			not detected	6	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.39 ug/L	
71-43-2	Benzene			not detected	1	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.72 ug/L	
108-88-3	Toluene			not detected	1000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.13 ug/L	
108-90-7	Chlorobenzene	27.42	400551	3.69 ug/L	4	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	100	0.39 ug/L	
75-25-2	Bromoform			not detected	4	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.52 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW05

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20034 Location: M3Well SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2003405

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010647.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: not dec. _____ Date Analyzed: 1/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010648.D**	Sample Name	**2003406**
Operator	**Skelton**	Field ID	**M3MW06**
Date Acquired	**18 Jan 2002 5:32 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	8.41 ug/L	
107131	Acrylonitrile			not detected	50	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	30	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.33 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.40 ug/L	
67-64-1	Acetone			not detected	700	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	300	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.45 ug/L	
67-66-3	Chloroform			not detected	6	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.39 ug/L	
71-43-2	Benzene			not detected	1	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.72 ug/L	
108-88-3	Toluene			not detected	1000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.13 ug/L	
108-90-7	Chlorobenzene	27.43	354929	3.09 ug/L	4	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	100	0.39 ug/L	
75-25-2	Bromoform			not detected	4	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.52 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW06

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20034 Location: M3Well SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2003406

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010648.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: not dec. _____ Date Analyzed: 1/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010649.D**	Sample Name	**2003407**
Operator	**Skelton**	Field ID	**M3MW07**
Date Acquired	**18 Jan 2002 6:13 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	8.41 ug/L	
107131	Acrylonitrile			not detected	50	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	30	0.37 ug/L	
75-01-4	Vinyl Chloride	5.05	256778	5.36 ug/L	5	0.33 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.40 ug/L	
67-64-1	Acetone			not detected	700	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	300	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.79	136336	2.14 ug/L	10	0.45 ug/L	
67-66-3	Chloroform			not detected	6	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.39 ug/L	
71-43-2	Benzene			not detected	1	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.72 ug/L	
108-88-3	Toluene			not detected	1000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	100	0.39 ug/L	
75-25-2	Bromoform			not detected	4	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.52 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW07

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20034 Location: M3Well SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2003407

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010649.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: not dec. _____ Date Analyzed: 1/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010650.D**	Sample Name	**2003408**
Operator	**Skelton**	Field ID	**M3MW08**
Date Acquired	**18 Jan 2002 6:54 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	8.41 ug/L	
107131	Acrylonitrile			not detected	50	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	30	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.33 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.40 ug/L	
67-64-1	Acetone			not detected	700	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	300	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.45 ug/L	
67-66-3	Chloroform			not detected	6	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.39 ug/L	
71-43-2	Benzene			not detected	1	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.72 ug/L	
108-88-3	Toluene			not detected	1000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.13 ug/L	
108-90-7	Chlorobenzene	27.42	171161	1.52 ug/L	4	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	100	0.39 ug/L	
75-25-2	Bromoform			not detected	4	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.52 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW08

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20034 Location: M3Well SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2003408

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010650.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: not dec. _____ Date Analyzed: 1/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010651.D**	Sample Name	**2003409**
Operator	**Skelton**	Field ID	**M3MW09**
Date Acquired	**18 Jan 2002 7:34 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	8.41 ug/L	
107131	Acrylonitrile			not detected	50	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	30	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.33 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.40 ug/L	
67-64-1	Acetone			not detected	700	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	300	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.45 ug/L	
67-66-3	Chloroform			not detected	6	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.39 ug/L	
71-43-2	Benzene			not detected	1	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.72 ug/L	
108-88-3	Toluene			not detected	1000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.13 ug/L	
108-90-7	Chlorobenzene	27.42	1714901	15.30 ug/L	4	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	100	0.39 ug/L	
75-25-2	Bromoform			not detected	4	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene	33.21	169709	1.71 ug/L	75	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.52 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW09

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20034 Location: M3Well SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2003409

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010651.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: not dec. _____ Date Analyzed: 1/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010652.D**	Sample Name	**2003410**
Operator	**Skelton**	Field ID	**M3MW10**
Date Acquired	**18 Jan 2002 8:15 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	8.41 ug/L	
107131	Acrylonitrile			not detected	50	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	30	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.33 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.40 ug/L	
67-64-1	Acetone			not detected	700	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	300	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.45 ug/L	
67-66-3	Chloroform			not detected	6	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.39 ug/L	
71-43-2	Benzene			not detected	1	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.72 ug/L	
108-88-3	Toluene			not detected	1000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.13 ug/L	
108-90-7	Chlorobenzene	27.43	1896553	16.34 ug/L	4	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	100	0.39 ug/L	
75-25-2	Bromoform			not detected	4	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene	33.21	151088	1.47 ug/L	75	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.52 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW10

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20034 Location: M3Well SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2003410

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010652.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: not dec. _____ Date Analyzed: 1/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010653.D**	Sample Name	**2003411**
Operator	**Skelton**	Field ID	**M3MW11**
Date Acquired	**18 Jan 2002 8:55 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	8.41 ug/L	
107131	Acrylonitrile			not detected	50	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	30	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.33 ug/L	
74-83-9	Bromomethane			not detected	10	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.40 ug/L	
67-64-1	Acetone			not detected	700	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	300	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.45 ug/L	
67-66-3	Chloroform			not detected	6	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.39 ug/L	
71-43-2	Benzene			not detected	1	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.72 ug/L	
108-88-3	Toluene			not detected	1000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.13 ug/L	
108-90-7	Chlorobenzene	27.42	564954	4.73 ug/L	4	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	100	0.39 ug/L	
75-25-2	Bromoform			not detected	4	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene	33.21	229754	2.17 ug/L	75	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.52 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M3MW11

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20034 Location: M3Well SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2003411

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010653.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: not dec. Date Analyzed: 1/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05395.D**	Sample Name	**MB-2847**
Operator	**B.Patel**	Misc Info	**MB-020118**
Date Acquired	**23-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN05395.D**	Sample Name	**MB-2847**
Operator	**B.Patel**	Misc Info	**MB-020118**
Date Acquired	**23-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **MB-2847**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20034 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: MB-2847

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05395.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: decanted: (Y/N) N Date Extracted: 1/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/23/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.45	4	J
2.	unknown	6.55	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05398.D**	Sample Name	**2003402**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**24-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN05398.D**	Sample Name	**2003402**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**24-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20034 Location: M3 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2003402

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05398.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 1/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/24/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.45	4	J
2.	unknown	6.55	7	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05399.D**	Sample Name	**2003403**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**24-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

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Data File Name	**BN05399.D**	Sample Name	**2003403**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**24-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20034 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 2003403

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05399.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: decanted: (Y/N) N Date Extracted: 1/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/24/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.45	5	J
2.	unknown	6.55	7	J
3. 000057-10-3	Hexadecanoic acid	22.16	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05400.D**	Sample Name	**2003404**
Operator	**B.Patel**	Misc Info	**M3MW04**
Date Acquired	**24-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN05400.D**	Sample Name	**2003404**
Operator	**B.Patel**	Misc Info	**M3MW04**
Date Acquired	**24-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20034 Location: M3 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2003404

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05400.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 1/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/24/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.45	5	J
2.	unknown	6.55	6	J
3. 000541-02-6	Cyclopentasiloxane, decamethyl-	11.85	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05401.D**	Sample Name	**2003405**
Operator	**B.Patel**	Misc Info	**M3MW05**
Date Acquired	**24-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene	17.19	21357	1.16 ug/L	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

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Data File Name	**BN05401.D**	Sample Name	**2003405**
Operator	**B.Patel**	Misc Info	**M3MW05**
Date Acquired	**24-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.27	78499	2.81 ug/L	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20034 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 2003405

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05401.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: decanted: (Y/N) N Date Extracted: 1/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/24/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.45	5	J
2.	unknown	6.55	7	J
3. 000496-11-7	Indane	10.39	6	JN
4. 002039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	12.32	5	JN
5.	unknown	19.16	4	J
6. 000057-10-3	Hexadecanoic acid	22.17	18	JN
7.	unknown	23.68	5	J
8. 000057-11-4	Octadecanoic acid	24.06	8	JN
9. 000080-05-7	Phenol, 4,4'-(1-methylethylidene)	24.42	10	JN
10.	unknown	28.71	5	J
11.	unknown	29.40	4	J

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U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05402.D**	Sample Name	**2003406**
Operator	**B.Patel**	Misc Info	**M3MW06**
Date Acquired	**24-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

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Data File Name	**BN05402.D**	Sample Name	**2003406**
Operator	**B.Patel**	Misc Info	**M3MW06**
Date Acquired	**24-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW06**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20034 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 2003406

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05402.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: decanted: (Y/N) N Date Extracted: 1/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/24/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.45	6	J
2.	unknown	6.55	8	J
3. 000496-11-7	Indane	10.39	11	JN

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U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05403.D**	Sample Name	**2003407**
Operator	**B.Patel**	Misc Info	**M3MW07**
Date Acquired	**24-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

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Data File Name	**BN05403.D**	Sample Name	**2003407**
Operator	**B.Patel**	Misc Info	**M3MW07**
Date Acquired	**24-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW07**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20034 Location: M3 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2003407

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05403.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 1/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/24/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.45	6	J
2.	unknown	6.55	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05404.D**	Sample Name	**2003408**
Operator	**B.Patel**	Misc Info	**M3MW08**
Date Acquired	**24-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN05404.D**	Sample Name	**2003408**
Operator	**B.Patel**	Misc Info	**M3MW08**
Date Acquired	**24-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.27	30320	1.15 ug/L	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW08**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20034 Location: M3 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2003408

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05404.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 1/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/24/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.45	6	J
2.	unknown	6.55	7	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05427.D**	Sample Name	**2003409**
Operator	**B.Patel**	Misc Info	**M3MW09**
Date Acquired	**30-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene	10.02	19540	1.25 ug/L	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

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Data File Name	**BN05427.D**	Sample Name	**2003409**
Operator	**B.Patel**	Misc Info	**M3MW09**
Date Acquired	**30-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.25	68106	2.12 ug/L	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW09**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20034 Location: M3 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2003409

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05427.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 1/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/30/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.43	4	J
2.	unknown	6.53	6	J
3. 000496-11-7	Indane	10.38	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05428.D**	Sample Name	**2003410**
Operator	**B.Patel**	Misc Info	**M3MW10**
Date Acquired	**30-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene	17.17	23324	1.17 ug/L	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN05428.D**	Sample Name	**2003410**
Operator	**B.Patel**	Misc Info	**M3MW10**
Date Acquired	**30-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.25	32363	1.10 ug/L	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW10**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20034 Location: M3 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2003410

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05428.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 1/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/30/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.43	6	J
2.	unknown	6.53	11	J
3.	unknown	19.15	5	J
4.	unknown	19.84	6	J
5.	unknown	24.41	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05429.D**	Sample Name	**2003411**
Operator	**B.Patel**	Misc Info	**M3MW11**
Date Acquired	**30-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene	10.03	18218	1.13 ug/L	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene	17.17	37404	1.75 ug/L	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN05429.D**	Sample Name	**2003411**
Operator	**B.Patel**	Misc Info	**M3MW11**
Date Acquired	**30-Jan-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene	18.40	33900	1.48 ug/L	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.25	38690	1.20 ug/L	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW11**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20034 Location: M3 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2003411

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05429.D

Level: (low/med) LOW Date Received: 1/16/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 1/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/30/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.43	5	J
2.	unknown	6.53	12	J

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB-2859
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	1/22/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/6/02
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2003402
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/16/02
	Bldg. 173	**Extraction Date:**	1/22/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	FIELD BLANK
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2003403
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/16/02
	Bldg. 173	**Extraction Date:**	1/22/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	DUPE
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2003404
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/16/02
	Bldg. 173	**Extraction Date:**	1/22/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3MW04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2003405
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/16/02
	Bldg. 173	**Extraction Date:**	1/22/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2003406
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/16/02
	Bldg. 173	**Extraction Date:**	1/22/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2003407
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/16/02
	Bldg. 173	**Extraction Date:**	1/22/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2003408
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/16/02
	Bldg. 173	**Extraction Date:**	1/22/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2003409
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/16/02
	Bldg. 173	**Extraction Date:**	1/22/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	ND
beta-BHC	1		0.20	0.0050	ND
gamma-BHC	1		0.20	0.0013	ND
delta-BHC	1		NLE	0.0016	ND
Heptachlor	1		0.40	0.0035	ND
Aldrin	1		0.04	0.0026	ND
Heptachlor Epoxide	1		0.20	0.0020	ND
Endosulfan I	1		0.40	0.0016	ND
4,4'-DDE	1		0.10	0.0021	ND
Dieldrin	1		0.03	0.0020	ND
Endrin	1		2.00	0.0032	ND
Endrin Ketone	1		NLE	0.0026	ND
Endosulfan II	1		0.40	0.0022	ND
4,4'-DDD	1		0.10	0.0020	ND
4,4'-DDT	1		0.10	0.0052	ND
Endosulfan-Sulfate	1		0.40	0.0026	ND
Alpha-chlordane	1		0.50	0.0036	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.1517	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2003410
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/16/02
	Bldg. 173	**Extraction Date:**	1/22/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2003411
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/16/02
	Bldg. 173	**Extraction Date:**	1/22/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3MW11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation 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 #: 20034
Sample Prepared: 02/27/02

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/28/02	ND	200	10.0
Antimony	02/28/02	ND	20	2.0
Arsenic	02/28/02	ND	8	2.0
Barium	02/28/02	1.15	2000	0.5
Beryllium	02/28/02	ND	20	0.5
Cadmium	02/28/02	0.622	4	0.5
Calcium	02/28/02	ND	NLE	20.0
Chromium	02/28/02	0.729	100	0.5
Cobalt	02/28/02	ND	NLE	0.5
Copper	02/28/02	ND	1000	2.0
Iron	02/28/02	21.9	300	10.0
Lead	02/28/02	ND	10	1.0
Magnesium	02/28/02	ND	NLE	10.0
Manganese	02/28/02	61.5	50	0.5
Mercury	02/04/02	ND	2	0.1
Nickel	02/28/02	1.43	100	1.0
Potassium	02/28/02	93.4	NLE	40.0
Selenium	02/28/02	8.91	50	3.0
Silver	02/28/02	5.04	20	1.0
Sodium	02/28/02	ND	50000	20.0
Thallium	02/28/02	7.27	10	2.0
Vanadium	02/28/02	ND	NLE	0.5
Zinc	02/28/02	ND	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2003402
Sample Received: 01/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/28/02	ND	200	10.0
Antimony	02/28/02	ND	20	2.0
Arsenic	02/28/02	ND	8	2.0
Barium	02/28/02	ND	2000	0.5
Beryllium	02/28/02	ND	20	0.5
Cadmium	02/28/02	ND	4	0.5
Calcium	02/28/02	ND	NLE	20.0
Chromium	02/28/02	ND	100	0.5
Cobalt	02/28/02	ND	NLE	0.5
Copper	02/28/02	ND	1000	2.0
Iron	02/28/02	ND	300	2.0
Lead	02/28/02	ND	10	1.0
Magnesium	02/28/02	ND	NLE	10.0
Manganese	02/28/02	ND	50	0.5
Mercury	02/04/02	ND	2	0.1
Nickel	02/28/02	ND	100	1.0
Potassium	02/28/02	ND	NLE	40.0
Selenium	02/28/02	5.05	50	3.0
Silver	02/28/02	ND	20	1.0
Sodium	02/28/02	ND	50000	20.0
Thallium	02/28/02	ND	10	2.0
Vanadium	02/28/02	ND	NLE	0.5
Zinc	02/28/02	ND	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2003403
Sample Received: 01/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/28/02	572	200	10.0
Antimony	02/28/02	ND	20	2.0
Arsenic	02/28/02	ND	8	2.0
Barium	02/28/02	839	2000	0.5
Beryllium	02/28/02	ND	20	0.5
Cadmium	02/28/02	ND	4	0.5
Calcium	02/28/02	382000	NLE	20.0
Chromium	02/28/02	11.7	100	0.5
Cobalt	02/28/02	0.965	NLE	0.5
Copper	02/28/02	321	1000	2.0
Iron	02/28/02	22800	300	10.0
Lead	02/28/02	34.2	10	1.0
Magnesium	02/28/02	359000	NLE	10.0
Manganese	02/28/02	1180	50	0.5
Mercury	02/04/02	0.3	2	0.1
Nickel	02/28/02	11.0	100	1.0
Potassium	02/28/02	136000	NLE	40.0
Selenium	02/28/02	27.1	50	3.0
Silver	02/28/02	2.27	20	1.0
Sodium	02/28/02	2930000	50000	20.0
Thallium	02/28/02	ND	10	2.0
Vanadium	02/28/02	3.51	NLE	0.5
Zinc	02/28/02	785	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2003404
Sample Received: 01/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/28/02	52.9	200	10.0
Antimony	02/28/02	ND	20	2.0
Arsenic	02/28/02	ND	8	2.0
Barium	02/28/02	153	2000	0.5
Beryllium	02/28/02	ND	20	0.5
Cadmium	02/28/02	3.75	4	0.5
Calcium	02/28/02	63300	NLE	20.0
Chromium	02/28/02	1.84	100	0.5
Cobalt	02/28/02	5.95	NLE	0.5
Copper	02/28/02	3.53	1000	2.0
Iron	02/28/02	1120	300	10.0
Lead	02/28/02	ND	10	1.0
Magnesium	02/28/02	10100	NLE	10.0
Manganese	02/28/02	205	50	0.5
Mercury	02/04/02	ND	2	0.1
Nickel	02/28/02	38.0	100	1.0
Potassium	02/28/02	11800	NLE	40.0
Selenium	02/28/02	ND	50	3.0
Silver	02/28/02	ND	20	1.0
Sodium	02/28/02	32700	50000	20.0
Thallium	02/28/02	ND	10	2.0
Vanadium	02/28/02	0.628	NLE	0.5
Zinc	02/28/02	51.4	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2003405
Sample Received: 01/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/28/02	ND	200	10.0
Antimony	02/28/02	ND	20	2.0
Arsenic	02/28/02	ND	8	2.0
Barium	02/28/02	673	2000	0.5
Beryllium	02/28/02	ND	20	0.5
Cadmium	02/28/02	1.49	4	0.5
Calcium	02/28/02	95300	NLE	20.0
Chromium	02/28/02	ND	100	0.5
Cobalt	02/28/02	1.92	NLE	0.5
Copper	02/28/02	7.32	1000	2.0
Iron	02/28/02	78400	300	10.0
Lead	02/28/02	4.05	10	1.0
Magnesium	02/28/02	16600	NLE	10.0
Manganese	02/28/02	684	50	0.5
Mercury	02/04/02	ND	2	0.1
Nickel	02/28/02	ND	100	1.0
Potassium	02/28/02	11300	NLE	40.0
Selenium	02/28/02	4.77	50	3.0
Silver	02/28/02	ND	20	1.0
Sodium	02/28/02	21000	50000	20.0
Thallium	02/28/02	ND	10	2.0
Vanadium	02/28/02	ND	NLE	0.5
Zinc	02/28/02	49.4	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2003406
Sample Received: 01/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/28/02	ND	200	10.0
Antimony	02/28/02	ND	20	2.0
Arsenic	02/28/02	4.14	8	2.0
Barium	02/28/02	103	2000	0.5
Beryllium	02/28/02	ND	20	0.5
Cadmium	02/28/02	ND	4	0.5
Calcium	02/28/02	167000	NLE	20.0
Chromium	02/28/02	3.15	100	0.5
Cobalt	02/28/02	1.89	NLE	0.5
Copper	02/28/02	4.22	1000	2.0
Iron	02/28/02	25200	300	10.0
Lead	02/28/02	ND	10	1.0
Magnesium	02/28/02	37000	NLE	10.0
Manganese	02/28/02	989	50	0.5
Mercury	02/04/02	ND	2	0.1
Nickel	02/28/02	15.0	100	1.0
Potassium	02/28/02	12000	NLE	40.0
Selenium	02/28/02	ND	50	3.0
Silver	02/28/02	ND	20	1.0
Sodium	02/28/02	63300	50000	20.0
Thallium	02/28/02	ND	10	2.0
Vanadium	02/28/02	1.03	NLE	0.5
Zinc	02/28/02	544	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2003407
Sample Received: 01/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/28/02	628	200	10.0
Antimony	02/28/02	ND	20	2.0
Arsenic	02/28/02	ND	8	2.0
Barium	02/28/02	870	2000	0.5
Beryllium	02/28/02	ND	20	0.5
Cadmium	02/28/02	1.46	4	0.5
Calcium	02/28/02	381000	NLE	20.0
Chromium	02/28/02	11.1	100	0.5
Cobalt	02/28/02	1.01	NLE	0.5
Copper	02/28/02	55.4	1000	2.0
Iron	02/28/02	31300	300	10.0
Lead	02/28/02	8.11	10	1.0
Magnesium	02/28/02	355000	NLE	10.0
Manganese	02/28/02	1240	50	0.5
Mercury	02/04/02	0.3	2	0.1
Nickel	02/28/02	2.54	100	1.0
Potassium	02/28/02	132000	NLE	40.0
Selenium	02/28/02	25.0	50	3.0
Silver	02/28/02	3.30	20	1.0
Sodium	02/28/02	2930000	50000	20.0
Thallium	02/28/02	ND	10	2.0
Vanadium	02/28/02	4.49	NLE	0.5
Zinc	02/28/02	780	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2003408
Sample Received: 01/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/28/02	368	200	10.0
Antimony	02/28/02	ND	20	2.0
Arsenic	02/28/02	ND	8	2.0
Barium	02/28/02	815	2000	0.5
Beryllium	02/28/02	ND	20	0.5
Cadmium	02/28/02	0.618	4	0.5
Calcium	02/28/02	243000	NLE	20.0
Chromium	02/28/02	0.661	100	0.5
Cobalt	02/28/02	1.67	NLE	0.5
Copper	02/28/02	12.5	1000	2.0
Iron	02/28/02	76400	300	10.0
Lead	02/28/02	3.41	10	1.0
Magnesium	02/28/02	93000	NLE	10.0
Manganese	02/28/02	1530	50	0.5
Mercury	02/04/02	ND	2	0.1
Nickel	02/28/02	1.14	100	1.0
Potassium	02/28/02	21300	NLE	40.0
Selenium	02/28/02	ND	50	3.0
Silver	02/28/02	ND	20	1.0
Sodium	02/28/02	593000	50000	20.0
Thallium	02/28/02	ND	10	2.0
Vanadium	02/28/02	ND	NLE	0.5
Zinc	02/28/02	87.2	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2003409
Sample Received: 01/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/28/02	741	200	10.0
Antimony	02/28/02	ND	20	2.0
Arsenic	02/28/02	2.90	8	2.0
Barium	02/28/02	395	2000	0.5
Beryllium	02/28/02	ND	20	0.5
Cadmium	02/28/02	2.35	4	0.5
Calcium	02/28/02	70400	NLE	20.0
Chromium	02/28/02	6.41	100	0.5
Cobalt	02/28/02	3.03	NLE	0.5
Copper	02/28/02	12.8	1000	2.0
Iron	02/28/02	83300	300	10.0
Lead	02/28/02	15.0	10	1.0
Magnesium	02/28/02	16500	NLE	10.0
Manganese	02/28/02	693	50	0.5
Mercury	02/04/02	0.4	2	0.1
Nickel	02/28/02	1.91	100	1.0
Potassium	02/28/02	12100	NLE	40.0
Selenium	02/28/02	8.66	50	3.0
Silver	02/28/02	ND	20	1.0
Sodium	02/28/02	22000	50000	20.0
Thallium	02/28/02	ND	10	2.0
Vanadium	02/28/02	2.78	NLE	0.5
Zinc	02/28/02	161	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2003410
Sample Received: 01/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/28/02	1510	200	10.0
Antimony	02/28/02	ND	20	2.0
Arsenic	02/28/02	3.68	8	2.0
Barium	02/28/02	811	2000	0.5
Beryllium	02/28/02	ND	20	0.5
Cadmium	02/28/02	1.93	4	0.5
Calcium	02/28/02	127000	NLE	20.0
Chromium	02/28/02	8.72	100	0.5
Cobalt	02/28/02	2.60	NLE	0.5
Copper	02/28/02	5.92	1000	2.0
Iron	02/28/02	79100	300	10.0
Lead	02/28/02	5.52	10	1.0
Magnesium	02/28/02	20300	NLE	10.0
Manganese	02/28/02	708	50	0.5
Mercury	02/04/02	0.3	2	0.1
Nickel	02/28/02	1.70	100	1.0
Potassium	02/28/02	13700	NLE	40.0
Selenium	02/28/02	5.82	50	3.0
Silver	02/28/02	ND	20	1.0
Sodium	02/28/02	25300	50000	20.0
Thallium	02/28/02	ND	10	2.0
Vanadium	02/28/02	6.19	NLE	0.5
Zinc	02/28/02	54.6	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2003411
Sample Received: 01/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW11

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/28/02	682	200	10.0
Antimony	02/28/02	ND	20	2.0
Arsenic	02/28/02	3.15	8	2.0
Barium	02/28/02	417	2000	0.5
Beryllium	02/28/02	ND	20	0.5
Cadmium	02/28/02	4.30	4	0.5
Calcium	02/28/02	133000	NLE	20.0
Chromium	02/28/02	3.45	100	0.5
Cobalt	02/28/02	2.66	NLE	0.5
Copper	02/28/02	20.4	1000	2.0
Iron	02/28/02	56200	300	10.0
Lead	02/28/02	4.40	10	1.0
Magnesium	02/28/02	11400	NLE	10.0
Manganese	02/28/02	855	50	0.5
Mercury	02/04/02	0.6	2	0.1
Nickel	02/28/02	40.5	100	1.0
Potassium	02/28/02	8170	NLE	40.0
Selenium	02/28/02	ND	50	3.0
Silver	02/28/02	ND	20	1.0
Sodium	02/28/02	8240	50000	20.0
Thallium	02/28/02	ND	10	2.0
Vanadium	02/28/02	2.26	NLE	0.5
Zinc	02/28/02	847	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Acetone	Aluminum	Iron	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	200	300	50	10	20	2000	4	NLE	-
05/01/1997	FMETL	ND	330	270	39	ND	-	-	-	-	V,S,P,M
08/07/1997	FMETL	ND	139	140	62	0.6	-	-	-	-	V,S,P,M
10/16/1997	FMETL	ND	146	2550	64	16	ND	94.5	2.8	48790	V,S,P,M
02/17/1998	FMETL	ND	430	206	56	ND	ND	84.5	2.2	26330	V,S,P,M
05/05/1998	FMETL	ND	461	433	6.6	ND	9	38	0.6	7004	V,S,P,M
07/07/1998	FMETL	ND	877	4990	39.4	ND	5.24	131	2.41	44100	V,S,P,M
10/27/1998	FMETL	ND	121	1260	41.8	ND	8.54	126	3.78	42500	V,S,P,M
03/01/1999	FMETL	ND	815	2390	27.2	2.28	3.95	91	1.91	27800	V,S,P,M
06/11/1999	FMETL	ND	244	1030	55.7	ND	ND	150	3.34	58600	V,S,P,M
07/27/1999	FMETL	ND	137	515	72.6	ND	2.41	159	4.70	66400	V,S,P,M
10/26/1999	FMETL	ND	111	2270	44.4	ND	ND	112	2.23	36900	V,S,P,M
03/02/2000	FMETL	ND	219	1390	40.8	ND	ND	137	3.10	46500	V,S,P,M
03/02/2000D	FMETL	ND	367	1910	153	ND	10.4	156	4.16	51100	V,S,P,M
06/01/2000	FMETL	ND	281	1390	22.4	2.93	3.10	71.8	0.909	28000	V,S,P,M
08/28/2000	FMETL	ND	231	3960	49.4	1.37	ND	176	3.25	55600	V,S,P,M
08/28/2000D	FMETL	ND	431	4710	48.9	1.91	ND	177	3.17	54500	V,S,P,M
11/07/2000	FMETL	5.16	129	4940	54.4	ND	ND	200	2.81	48900	V,S,P,M
02/14/2001	FMETL	ND	148	2990	42.1	ND	ND	127	ND	40000	V,S,P,M
02/14/2001D	FMETL	ND	177	5310	44.0	ND	ND	133	ND	41500	V,S,P,M
05/17/2001	FMETL	ND	253	2370	12.5	ND	ND	54.0	0.990	13700	V,S,P,M
05/17/2001D	FMETL	ND	241	2570	19.0	ND	ND	75.7	1.42	19800	V,S,P,M
09/06/2001	FMETL	ND	ND	4370	61.8	2.20	ND	165	2.41	52600	V,S,P,M
11/15/2001	FMETL	ND	ND	1140	54.8	2.49	ND	109	2.67	50400	V,S,P,M
11/15/2001D	FMETL	ND	58.3	1050	54.2	2.20	ND	111	3.15	50400	V,S,P,M
01/16/2002	FMETL	ND	52.9	1120	205	ND	ND	153	3.75	63300	V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 01/16/2002

NOTES:

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FORT MONMOUTH

GW MONITORING
M-3

Source 1 of 8

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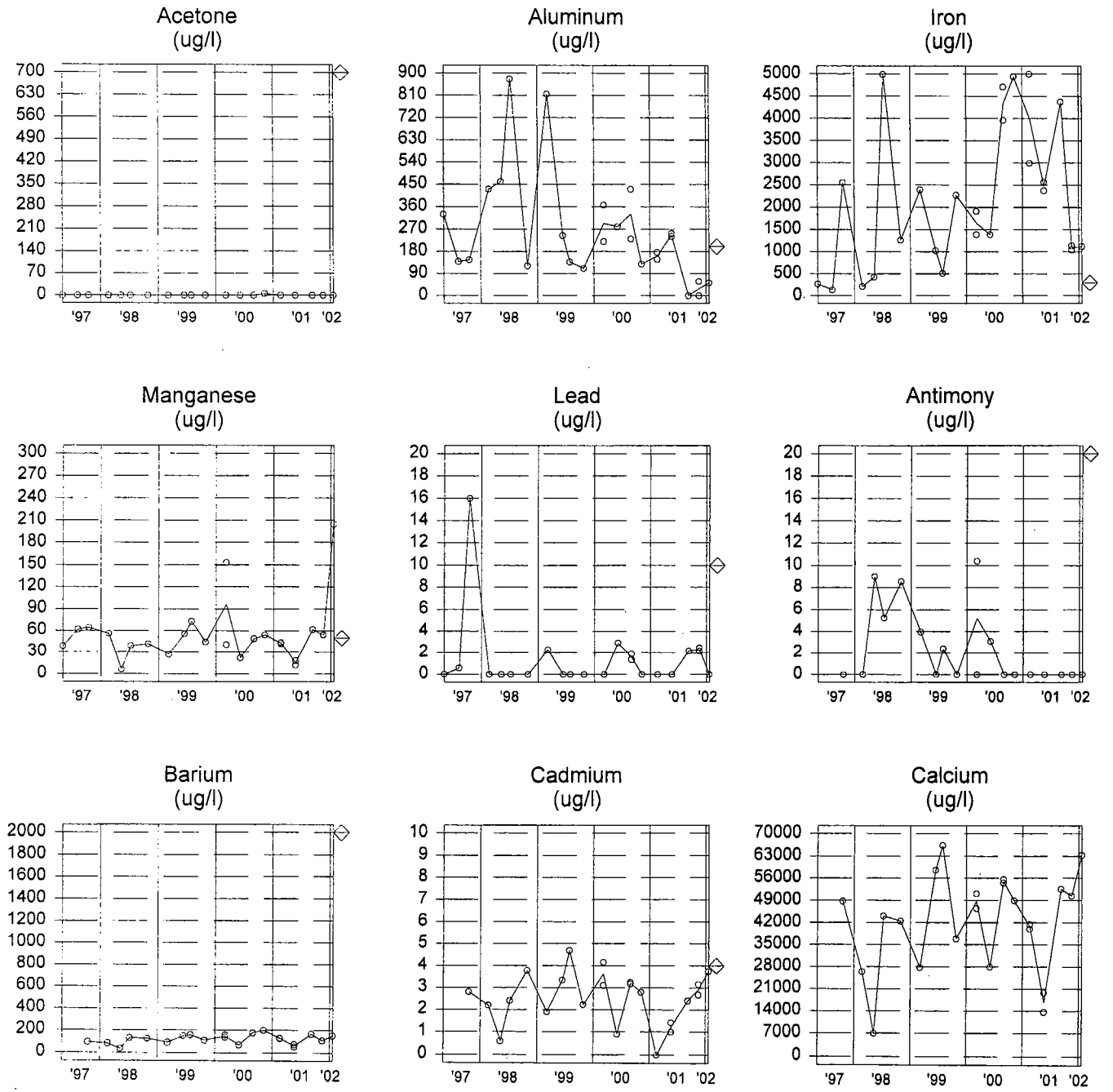
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 01/16/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 1 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
05/01/1997	FMETL	-	-	-	-	-	10.55				V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	13.30				V,S,P,M
10/16/1997	FMETL	6590	25.3	8040	18650	124	14.10				V,S,P,M
02/17/1998	FMETL	8530	36	5700	16740	88	8.80				V,S,P,M
05/05/1998	FMETL	7252	19.9	3590	13730	89.8	9.40				V,S,P,M
07/07/1998	FMETL	8620	46	11000	19200	129	12.26				V,S,P,M
10/27/1998	FMETL	6710	41.6	10500	16200	46	14.51				V,S,P,M
03/01/1999	FMETL	8940	34.1	5920	21400	106	11.25				V,S,P,M
06/11/1999	FMETL	9670	48.9	9210	27300	60.5	13.21				V,S,P,M
07/27/1999	FMETL	9170	38.8	9770	23100	56.7	13.96				V,S,P,M
10/26/1999	FMETL	5680	28.2	6850	21400	27.6	13.41				V,S,P,M
03/02/2000	FMETL	11600	66.5	6880	29600	173	11.95				V,S,P,M
03/02/2000D	FMETL	21400	73.5	7560	32900	159	11.95				V,S,P,M
06/01/2000	FMETL	9760	53.5	4950	25800	124	11.92				V,S,P,M
08/28/2000	FMETL	10300	50.8	8610	28500	94.1	11.89				V,S,P,M
08/28/2000D	FMETL	10400	51.9	8550	29000	97.3	11.89				V,S,P,M
11/07/2000	FMETL	10300	69.7	8230	30300	91.5	12.91				V,S,P,M
02/14/2001	FMETL	9910	37.0	5950	21400	68.4	9.93				V,S,P,M
02/14/2001D	FMETL	9970	38.1	6140	21600	70.9	9.93				V,S,P,M
05/17/2001	FMETL	6960	25.9	3100	18600	83.2	11.52				V,S,P,M
05/17/2001D	FMETL	7440	30.8	3850	19400	85.7	11.52				V,S,P,M
09/06/2001	FMETL	9190	51.7	8490	24600	70.1	13.77				V,S,P,M
11/15/2001	FMETL	6860	22.7	8200	19900	27.0	14.45				V,S,P,M
11/15/2001D	FMETL	6850	21.2	8460	18900	32.7	14.45				V,S,P,M
01/16/2002	FMETL	10100	38.0	11800	32700	51.4	14.60				V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 01/16/2002

NOTES:

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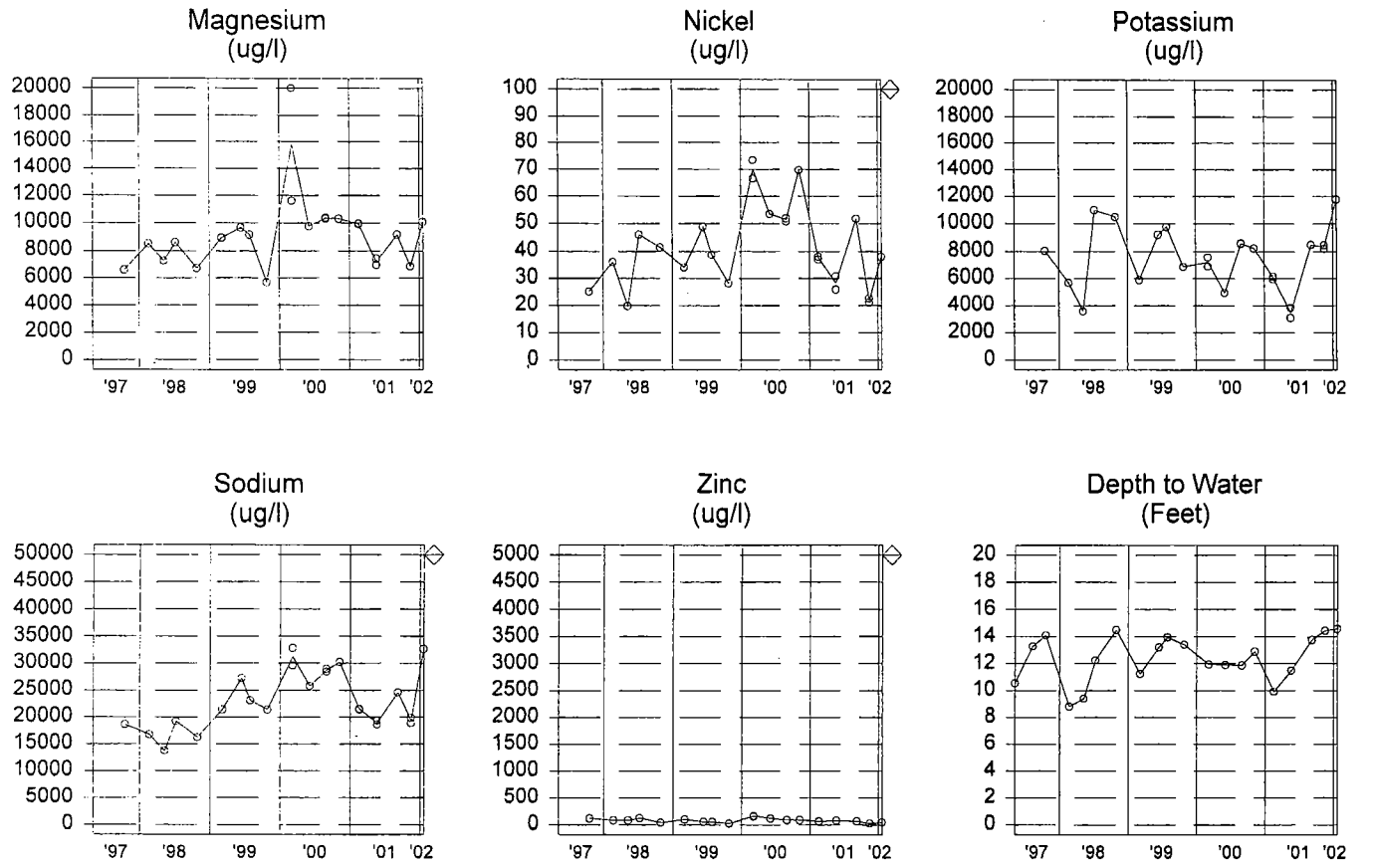
FORT MONMOUTH

GW MONITORING
M-3

Source 1 of 8

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 01/16/2002

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 1 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	Chloro benzene	Benzene	1,4-Di chloro benzene	2-Methyl naphtha lene	Acenaph thene	Fluorene	Phen anthrene	Aluminum	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	1	75	NLE	400	300	NLE	200	-
05/01/1997	FMETL	ND	3.82	ND	ND	1.64	1.31	1.03	1.35	27	V,S,P,M
08/07/1997	FMETL	ND	7.28	ND	ND	1.82	1.31	ND	1.08	182	V,S,P,M
10/16/1997	FMETL	ND	6.70	ND	ND	2.08	1.70	1.13	1.57	ND	V,S,P,M
02/17/1998	FMETL	ND	4.66	ND	ND	1.33	1.78	1.13	1.40	149	V,S,P,M
05/05/1998	FMETL	ND	7.33	1.44	ND	ND	ND	ND	ND	ND	V,S,P,M
07/07/1998	FMETL	ND	9.23	1.33	ND	1.80	1.52	1.06	1.01	22.3	V,S,P,M
10/27/1998	FMETL	ND	5.05	ND	ND	ND	ND	ND	2.32	ND	V,S,P,M
03/01/1999	FMETL	ND	5.19	ND	ND	1.57	2.44	ND	2.27	13.4	V,S,P,M
06/11/1999	FMETL	ND	5.60	ND	ND	ND	1.04	ND	1.13	ND	V,S,P,M
07/27/1999	FMETL	ND	5.21	ND	1.10	1.49	1.47	ND	ND	15.0	V,S,P,M
10/26/1999	FMETL	ND	5.39	ND	1.02	2.00	2.20	1.65	2.14	31	V,S,P,M
03/02/2000	FMETL	ND	4.09	ND	ND	1.29	1.74	1.29	1.45	16.3	V,S,P,M
06/01/2000	FMETL	ND	4.32	ND	ND	1.27	1.63	1.20	1.30	13.2	V,S,P,M
08/28/2000	FMETL	ND	5.72	ND	ND	1.54	1.92	1.40	ND	101	V,S,P,M
11/07/2000	FMETL	ND	5.41	ND	ND	1.40	1.47	1.03	ND	ND	V,S,P,M
02/14/2001	FMETL	ND	3.33	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
05/17/2001	FMETL	3.94	4.94	ND	ND	ND	1.52	1.03	ND	21.5	V,S,P,M
09/06/2001	FMETL	ND	5.88	ND	ND	1.39	1.72	1.03	ND	ND	V,S,P,M
11/15/2001	FMETL	ND	4.00	ND	ND	ND	ND	ND	ND	ND	V,S,P,M
01/16/2002	FMETL	ND	3.69	ND	ND	ND	1.16	ND	ND	ND	V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
05/01/1997 - 01/16/2002

NOTES:

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FORT MONMOUTH

GW MONITORING
M-3

Source 2 of 8

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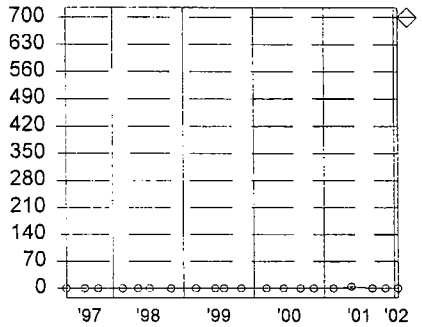
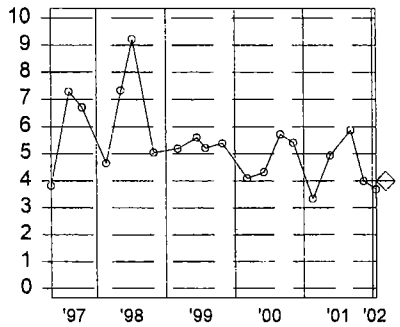
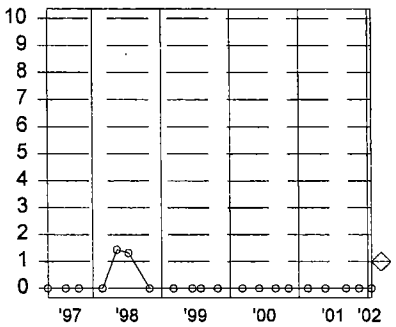
Acetone
(ug/l)



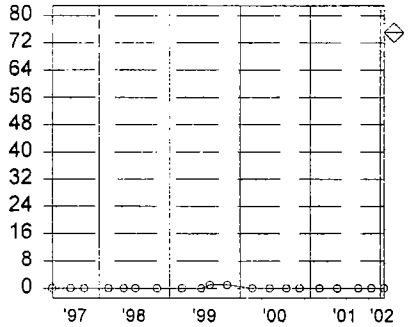
Chlorobenzene
(ug/l)



Benzene
(ug/l)



1,4-Dichlorobenzene
(ug/l)



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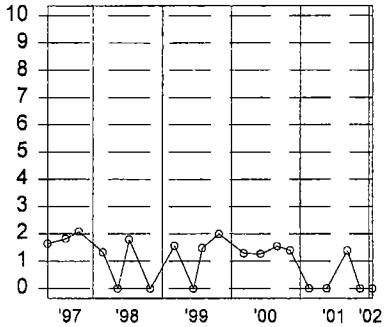

Acenaphthene
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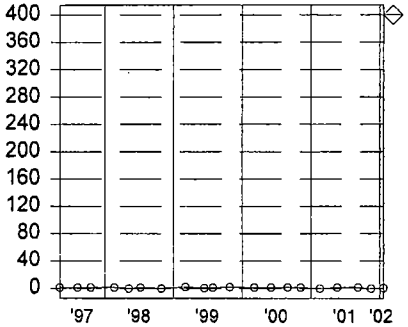
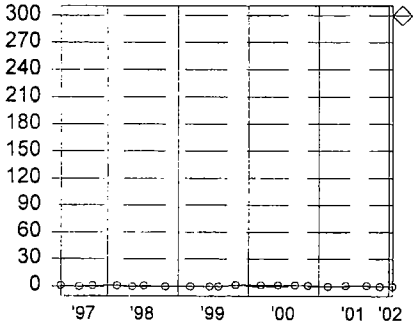
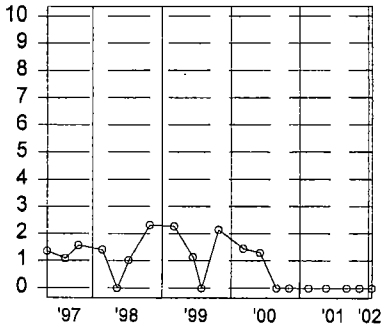


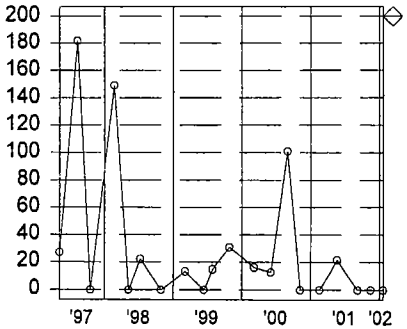
Fluorene
(ug/l)



Phenanthrene
(ug/l)



Aluminum
(ug/l)



SOURCE: 00M3MW05

Sampling Dates:
05/01/1997 - 01/16/2002

LEGEND:

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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SELFM-PW-EV

03-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Iron	Manganese	Lead	Silver	Antimony	Barium	Cadmium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	300	50	10	20	20	2000	4	NLE	NLE	-
05/01/1997	FMETL	73000	440	ND	21	-	-	-	-	-	V,S,P,M
08/07/1997	FMETL	187600	503	20.5	ND	-	-	-	-	-	V,S,P,M
10/16/1997	FMETL	ND	ND	ND	ND	ND	627.3	ND	90160	14600	V,S,P,M
02/17/1998	FMETL	70470	425	6.0	ND	ND	664	ND	96030	15840	V,S,P,M
05/05/1998	FMETL	84560	409	ND	ND	4.3	637	ND	89180	14300	V,S,P,M
07/07/1998	FMETL	65400	399	4.54	ND	4.26	555	1.2	90100	13800	V,S,P,M
10/27/1998	FMETL	67300	421	ND	ND	7.83	636	ND	88000	14000	V,S,P,M
03/01/1999	FMETL	75500	409	3.15	ND	2.4	638	ND	97800	15800	V,S,P,M
06/11/1999	FMETL	70000	440	ND	ND	ND	566	4.38	89600	14700	V,S,P,M
07/27/1999	FMETL	76500	501	ND	ND	ND	655	1.21	90500	15000	V,S,P,M
10/26/1999	FMETL	66500	395	ND	ND	ND	625	ND	85700	13900	V,S,P,M
03/02/2000	FMETL	74000	417	ND	ND	ND	647	ND	95000	15700	V,S,P,M
06/01/2000	FMETL	73900	430	ND	ND	ND	693	ND	98200	16600	V,S,P,M
08/28/2000	FMETL	69900	382	1.98	ND	2.68	630	ND	94800	15800	V,S,P,M
11/07/2000	FMETL	67700	429	ND	ND	ND	686	ND	91500	15300	V,S,P,M
02/14/2001	FMETL	66300	426	ND	ND	ND	639	0.81	99300	17300	V,S,P,M
05/17/2001	FMETL	62100	401	6.33	ND	ND	557	3.62	89700	15600	V,S,P,M
09/06/2001	FMETL	68800	433	5.83	14.0	ND	663	2.01	89700	15200	V,S,P,M
11/15/2001	FMETL	75800	460	9.87	ND	ND	650	1.70	90800	15400	V,S,P,M
01/16/2002	FMETL	78400	684	4.05	ND	ND	673	1.49	95300	16600	V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
05/01/1997 - 01/16/2002

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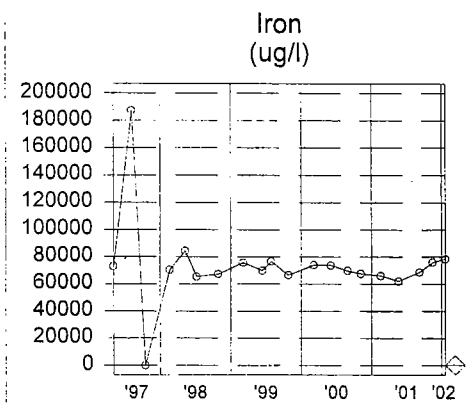

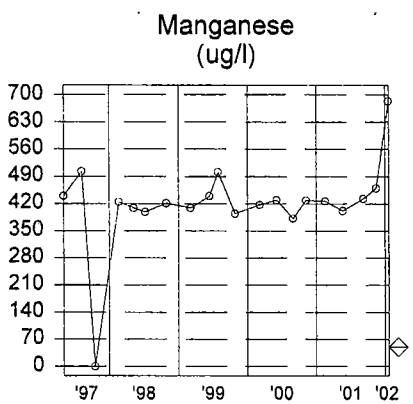

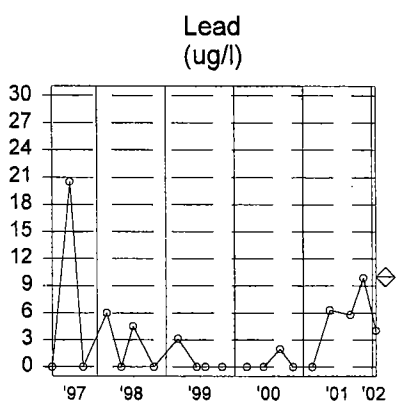

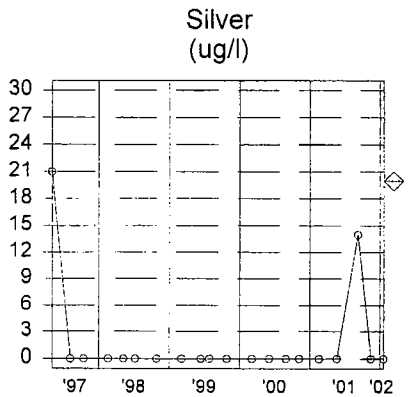

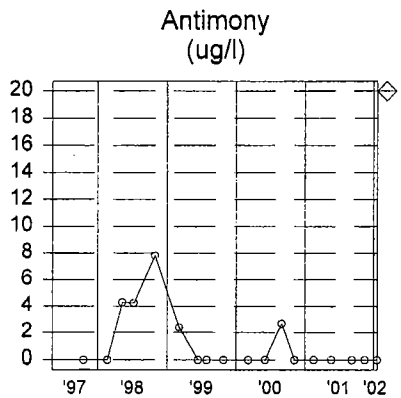

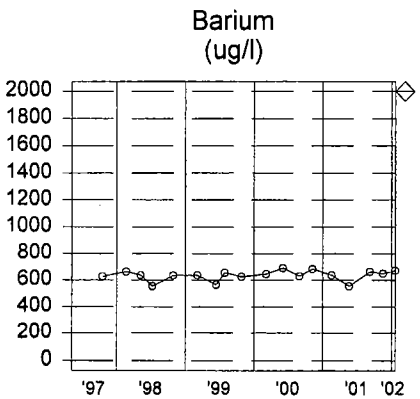

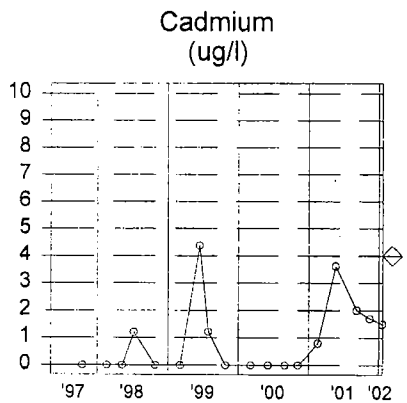

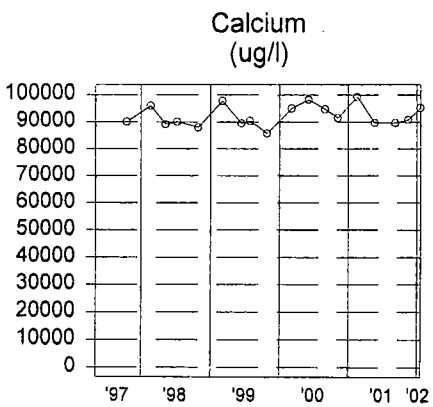

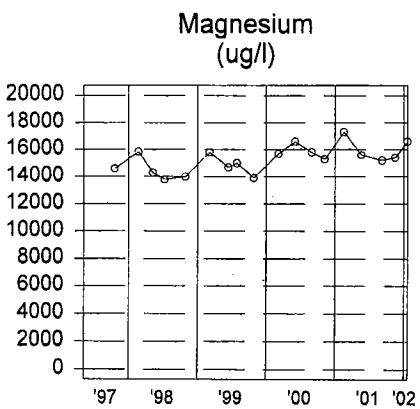

SOURCE: 00M3MW05

Sampling Dates:
05/01/1997 - 01/16/2002

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	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
05/01/1997	FMETL	-	-	-	-	7.90					V,S,P,M
08/07/1997	FMETL	-	-	-	-	8.85					V,S,P,M
10/16/1997	FMETL	1.1	12350	17370	44	9.10					V,S,P,M
02/17/1998	FMETL	5.7	13960	16070	ND	7.70					V,S,P,M
05/05/1998	FMETL	1.4	15490	16640	2.2	7.76					V,S,P,M
07/07/1998	FMETL	ND	15100	9510	18.8	8.66					V,S,P,M
10/27/1998	FMETL	0.87	14100	11800	ND	9.64					V,S,P,M
03/01/1999	FMETL	1.69	11400	17300	3.68	8.47					V,S,P,M
06/11/1999	FMETL	11000	10800	16800	ND	9.13					V,S,P,M
07/27/1999	FMETL	2.15	10900	18000	13.7	9.49					V,S,P,M
10/26/1999	FMETL	1.0	10800	15800	5.69	8.77					V,S,P,M
03/02/2000	FMETL	0.912	10800	15500	17	8.45					V,S,P,M
06/01/2000	FMETL	10.9	10700	15000	13.2	8.53					V,S,P,M
08/28/2000	FMETL	ND	11900	15600	23.8	8.31					V,S,P,M
11/07/2000	FMETL	ND	10500	16100	21.3	9.00					V,S,P,M
02/14/2001	FMETL	ND	10700	16200	5.86	7.14					V,S,P,M
05/17/2001	FMETL	1.94	9670	14700	15.5	8.68					V,S,P,M
09/06/2001	FMETL	ND	9840	16100	12.7	9.32					V,S,P,M
11/15/2001	FMETL	ND	10400	18800	30.1	9.69					V,S,P,M
01/16/2002	FMETL	ND	11300	21000	49.4	9.21					V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
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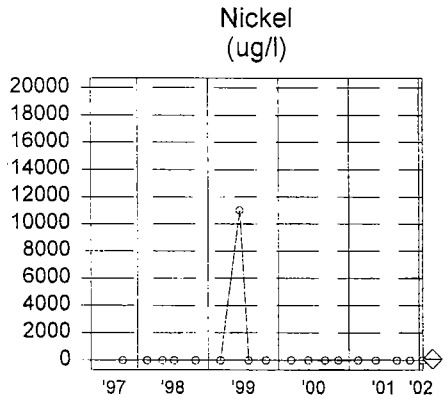
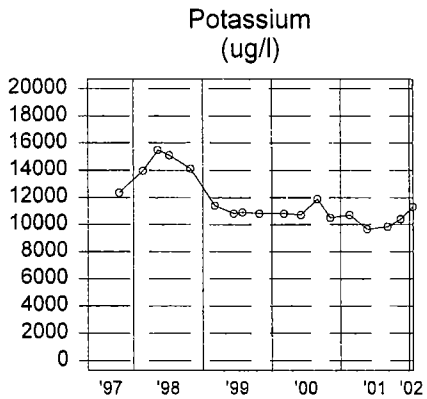
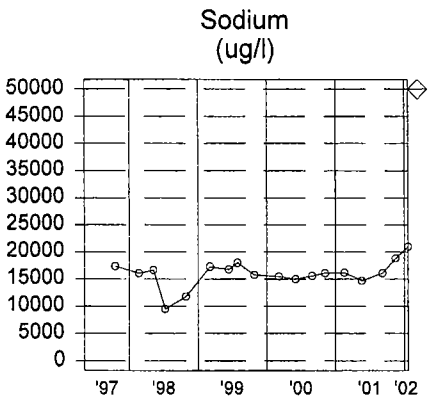
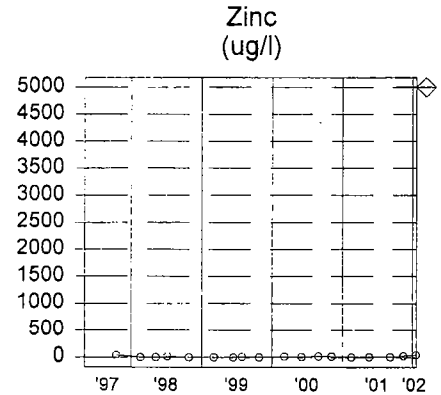
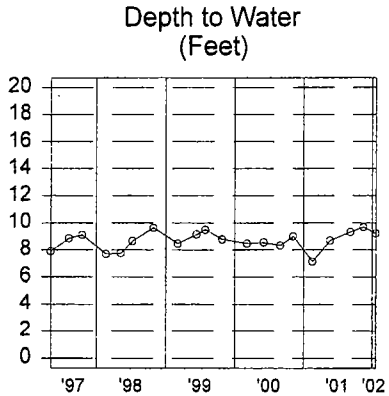
SELFM-PW-EV











SOURCE: 00M3MW05

Sampling Dates:
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LEGEND:

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o = Date Sampled

NJDEP Criteria

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FORT MONMOUTH
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03-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	Chloro benzene	Benzene	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	1	200	300	50	10	20	20	-
05/01/1997	FMETL	ND	ND	5.35	70	10500	320	ND	14	-	V,S,P,M
08/07/1997	FMETL	ND	2.65	ND	61	31020	565	1.4	ND	-	V,S,P,M
10/16/1997	FMETL	ND	4.41	ND	142	37600	623	8.0	ND	ND	V,S,P,M
02/17/1998	FMETL	ND	ND	ND	113	10740	639	ND	ND	4	V,S,P,M
05/05/1998	FMETL	ND	ND	0.94	49	6992	362	ND	ND	5.4	V,S,P,M
07/07/1998	FMETL	ND	2.65	3.10	92.2	20900	555	ND	ND	2.9	V,S,P,M
10/27/1998	FMETL	ND	5.34	ND	166	26800	449	ND	ND	5.31	V,S,P,M
03/01/1999	FMETL	ND	1.93	ND	182	35500	1010	4.01	ND	4.8	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	15.9	23500	687	ND	ND	ND	V,S,P,M
07/27/1999	FMETL	ND	4.59	ND	1480	43900	785	3.08	ND	ND	V,S,P,M
10/26/1999	FMETL	ND	2.16	ND	37.9	12900	711	ND	ND	2.3	V,S,P,M
03/02/2000	FMETL	ND	1.90	ND	ND	20800	903	ND	ND	ND	V,S,P,M
06/01/2000	FMETL	ND	2.05	1.44	ND	22300	877	ND	ND	2.29	V,S,P,M
08/28/2000	FMETL	ND	3.18	ND	141	19400	676	2.56	ND	3.66	V,S,P,M
11/07/2000	FMETL	6.55	2.52	ND	ND	13600	534	ND	ND	ND	V,S,P,M
02/14/2001	FMETL	ND	1.65	ND	ND	13600	623	ND	ND	2.32	V,S,P,M
05/17/2001	FMETL	4.76	2.25	2.60	16.9	12200	517	ND	ND	ND	V,S,P,M
09/06/2001	FMETL	ND	2.98	ND	ND	13400	391	1.36	1.84	ND	V,S,P,M
11/15/2001	FMETL	ND	5.24	ND	ND	46500	902	3.35	ND	ND	V,S,P,M
01/16/2002	FMETL	ND	3.09	ND	ND	25200	989	ND	ND	ND	V,S,P,M

SOURCE: 00M3MW06

Sampling Dates:
05/01/1997 - 01/16/2002

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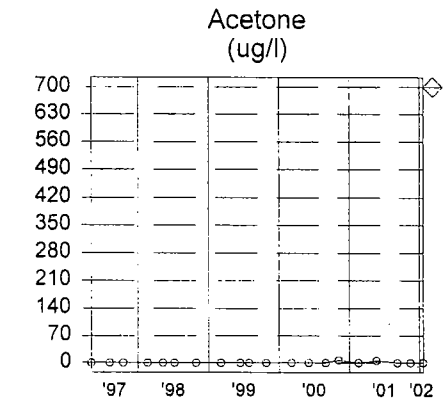

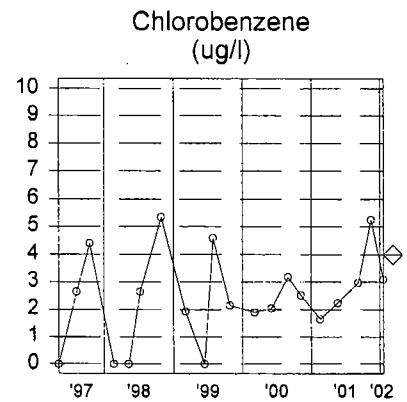

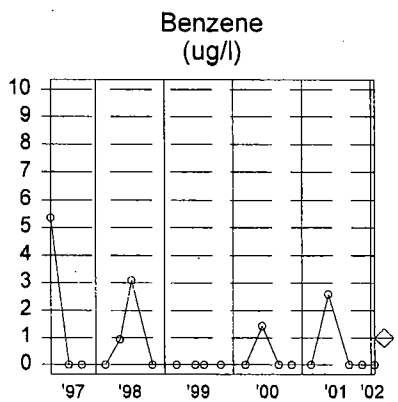

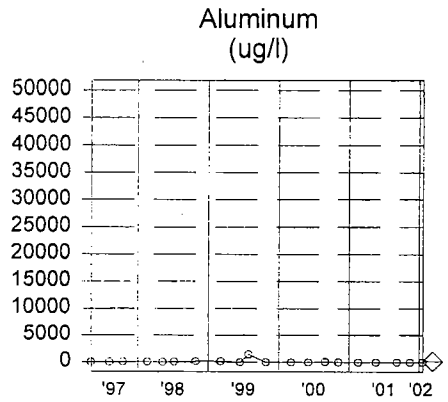

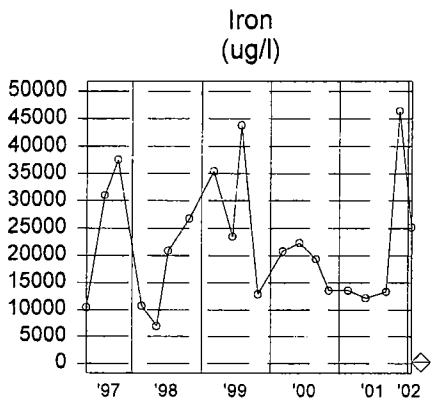

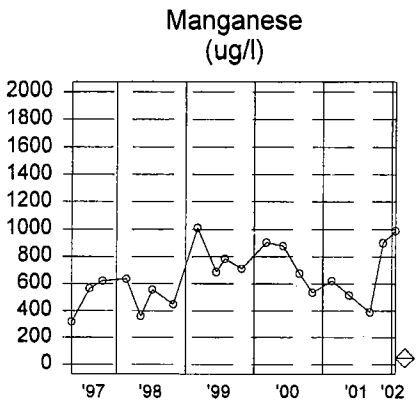

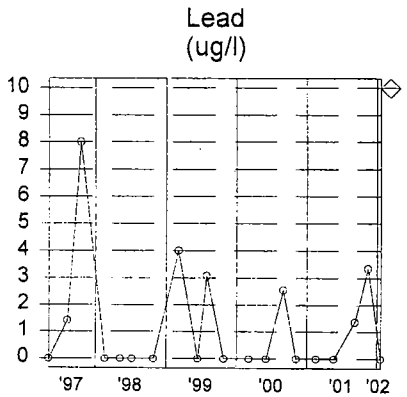

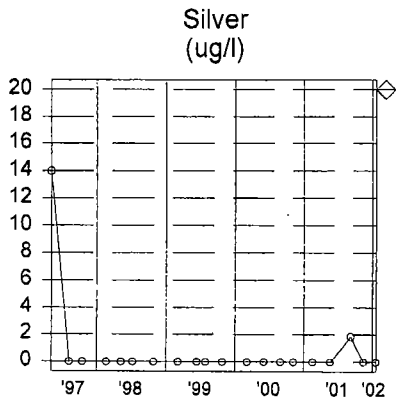

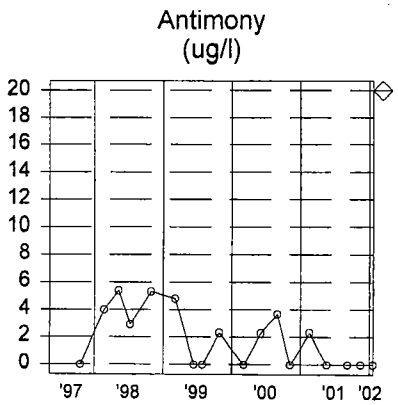

SOURCE: 00M3MW06

Sampling Dates:
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	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
05/01/1997	FMETL	-	-	-	-	-	-	-	-	8.00	V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	-	-	9.05	V,S,P,M
10/16/1997	FMETL	57.2	ND	69170	19300	2.3	8720	ND	68	9.30	V,S,P,M
02/17/1998	FMETL	66	ND	94830	22740	18	10450	40910	302	7.85	V,S,P,M
05/05/1998	FMETL	40	0.7	74040	16680	10	9163	25680	150	7.90	V,S,P,M
07/07/1998	FMETL	73.6	ND	126000	29200	0.579	12600	15100	40.5	8.60	V,S,P,M
10/27/1998	FMETL	29.7	ND	38600	12200	3.8	8430	18200	80	9.61	V,S,P,M
03/01/1999	FMETL	149	0.63	159000	33300	18.9	10800	26200	467	8.78	V,S,P,M
06/11/1999	FMETL	114	1.87	119000	28300	3.55	10700	21500	44.9	9.05	V,S,P,M
07/27/1999	FMETL	76.2	1.84	63900	19000	6.40	9810	25600	164	9.57	V,S,P,M
10/26/1999	FMETL	138	0.866	165000	34300	27.5	11900	37400	416	8.07	V,S,P,M
03/02/2000	FMETL	133	ND	184000	36700	10.4	10300	17600	177	8.30	V,S,P,M
06/01/2000	FMETL	153	ND	173000	38300	11.8	10600	15200	55.4	8.44	V,S,P,M
08/28/2000	FMETL	111	ND	124000	31200	ND	9570	24100	78.6	8.24	V,S,P,M
11/07/2000	FMETL	114	ND	115000	26600	ND	10600	23100	47.5	8.56	V,S,P,M
02/14/2001	FMETL	64.1	ND	107000	24199	7.15	7130	13800	203	8.09	V,S,P,M
05/17/2001	FMETL	56.1	ND	87100	22700	4.40	7320	14100	91.7	8.43	V,S,P,M
09/06/2001	FMETL	31.5	ND	59200	14100	5.87	5360	15800	189	9.25	V,S,P,M
11/15/2001	FMETL	86.4	1.78	130000	38300	17.6	11500	134000	416	9.45	V,S,P,M
01/16/2002	FMETL	103	ND	167000	37000	15.0	12000	63300	544	8.94	V,S,P,M

SOURCE: 00M3MW06

Sampling Dates:
05/01/1997 - 01/16/2002

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FORT MONMOUTH

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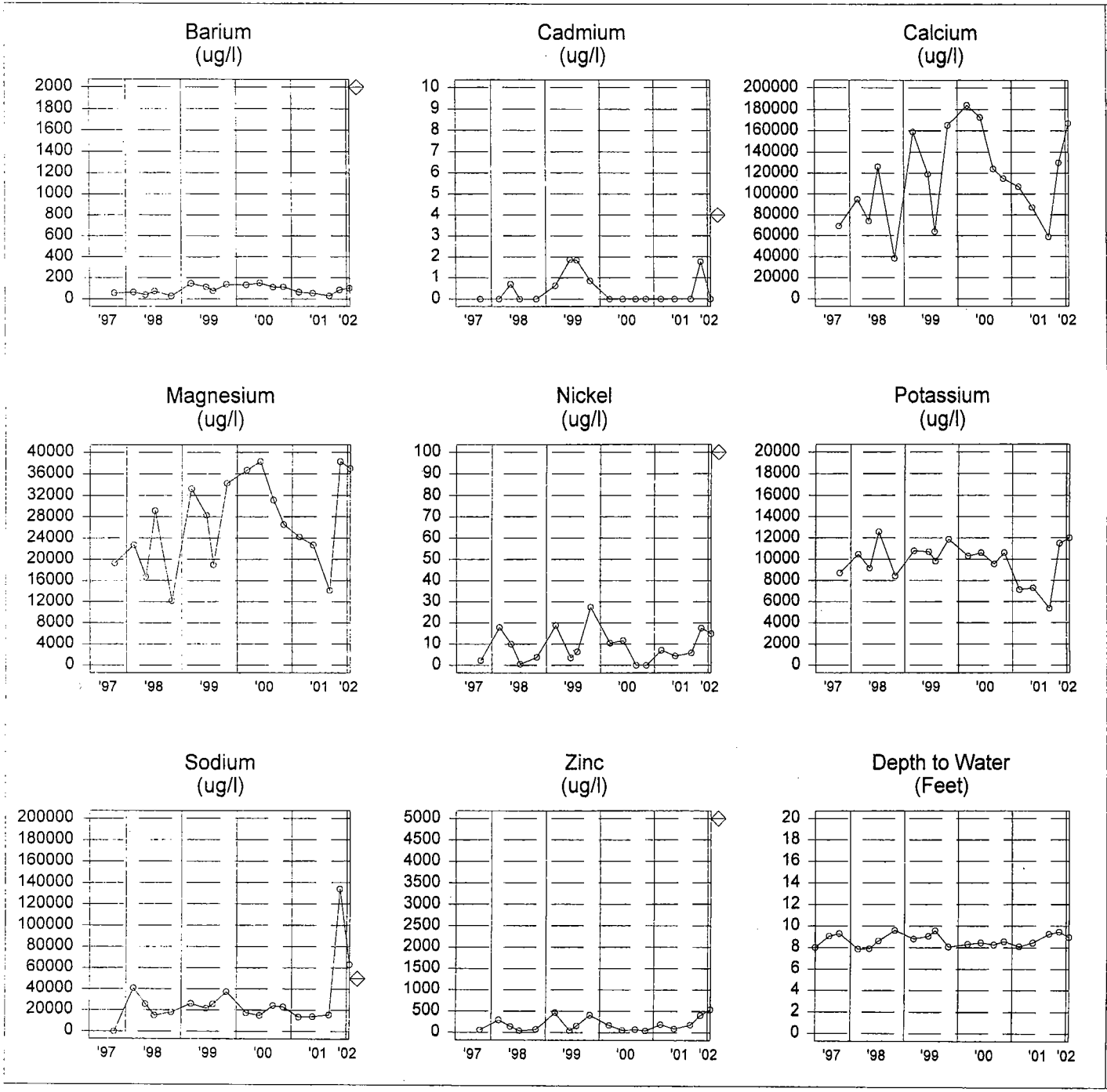
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M3MW06

Sampling Dates:
05/01/1997 - 01/16/2002

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	2-Butanone	Vinyl chloride	csi-1,2-Dichloro ethene	Aluminum	Iron	Manganese	Lead	Silver	Antimony	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	300	5	10	200	300	50	10	20	20	-
10/07/1998	FMETL	399.25	ND	ND	4810	41900	710	23	ND	ND	V,S,P,M
10/23/1998	FMETL	ND	8.93	3.58	1820	56700	1200	6.23	ND	ND	V,S,P,M
03/01/1999	FMETL	ND	2.76	4.05	2350	78400	1080	13.7	ND	3.96	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	2990	34500	823	8.33	ND	ND	V,S,P,M
07/27/1999	FMETL	ND	4.22	2.61	1480	36900	998	5.66	ND	ND	V,S,P,M
10/26/1999	FMETL	ND	ND	ND	2490	35100	1060	7.59	ND	2.51	V,S,P,M
03/02/2000	FMETL	ND	ND	ND	3400	36600	817	8.94	ND	ND	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	362	17500	650	3.75	ND	3.55	V,S,P,M
08/28/2000	FMETL	ND	ND	1.80	333	20500	949	1.25	ND	3.73	V,S,P,M
11/07/2000	FMETL	ND	17.64	15.81	745	21300	898	18.0	ND	ND	V,S,P,M
11/07/2000D	FMETL	ND	17.69	15.47	685	21200	903	1.96	ND	ND	V,S,P,M
02/14/2001	FMETL	ND	4.22	3.75	67.6	17100	697	ND	ND	ND	V,S,P,M
05/17/2001	FMETL	ND	5.20	2.29	258	9680	811	7.12	4.44	3.17	V,S,P,M
09/06/2001	FMETL	ND	19.03	35.99	328	16800	651	14.1	5.22	ND	V,S,P,M
11/15/2001	FMETL	ND	7.58	9.62	ND	17500	1290	5.46	ND	ND	V,S,P,M
01/16/2002	FMETL	ND	5.36	2.14	628	31300	1240	8.11	3.30	ND	V,S,P,M

SOURCE: 00M3MW07

Sampling Dates:
10/07/1998 - 01/16/2002

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FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
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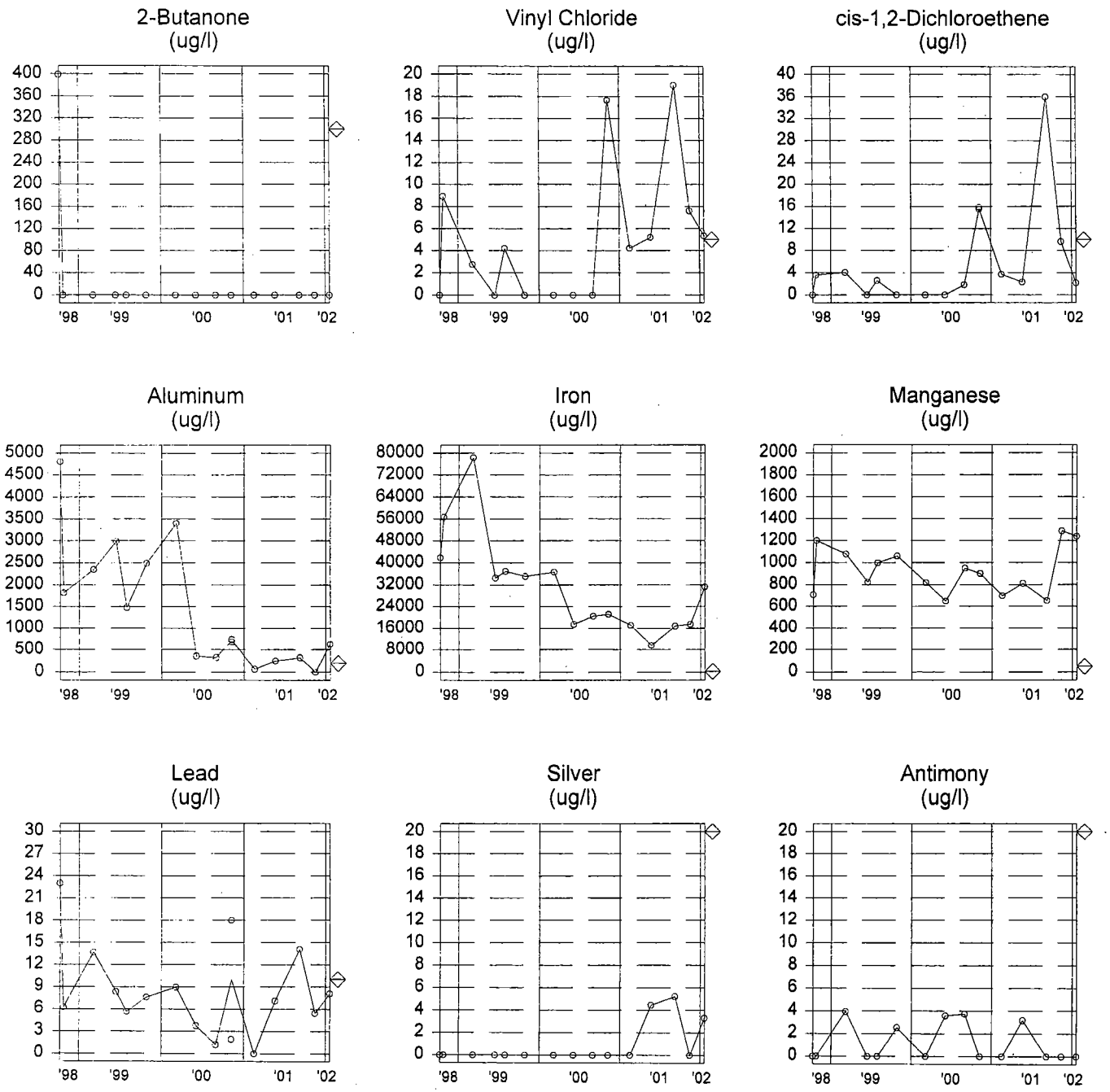

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Sampling Dates:
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NJDEP Criteria

FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/07/1998	FMETL	126	ND	106000	91100	5.7	40900	579000	125	9.67	V,S,P,M
10/23/1998	FMETL	235	ND	204000	165000	1.32	64200	1300000	28.1	10.46	V,S,P,M
03/01/1999	FMETL	516	2	251000	113000	5.98	36400	858000	1090	8.72	V,S,P,M
06/11/1999	FMETL	372	4.25	252000	101000	2.36	33900	709000	571	9.47	V,S,P,M
07/27/1999	FMETL	492	4.99	292000	156000	4.74	48500	1050000	273	10.39	V,S,P,M
10/26/1999	FMETL	807	7.55	398000	261000	4.06	99900	1800000	723	10.35	V,S,P,M
03/02/2000	FMETL	580	2.58	271000	136000	8.92	57000	1070000	817	9.56	V,S,P,M
06/01/2000	FMETL	280	1.38	210000	90300	8.86	32200	630000	341	9.24	V,S,P,M
08/28/2000	FMETL	336	0.691	213000	116000	ND	38000	1010000	222	9.17	V,S,P,M
11/07/2000	FMETL	303	2.07	186000	101000	1.14	42400	828000	571	9.61	V,S,P,M
11/07/2000D	FMETL	302	1.55	192000	106000	ND	41100	863000	348	9.61	V,S,P,M
02/14/2001	FMETL	221	ND	164000	77700	ND	25800	468000	89.3	10.03	V,S,P,M
05/17/2001	FMETL	135	1.68	149000	49900	1.46	17900	254000	288	10.29	V,S,P,M
09/06/2001	FMETL	155	ND	130000	67600	10.9	27500	382000	524	10.45	V,S,P,M
11/15/2001	FMETL	442	ND	304000	220000	ND	75400	1720000	347	9.98	V,S,P,M
01/16/2002	FMETL	870	1.46	381000	355000	2.54	132000	2930000	780	10.33	V,S,P,M

SOURCE: 00M3MW07

Sampling Dates:
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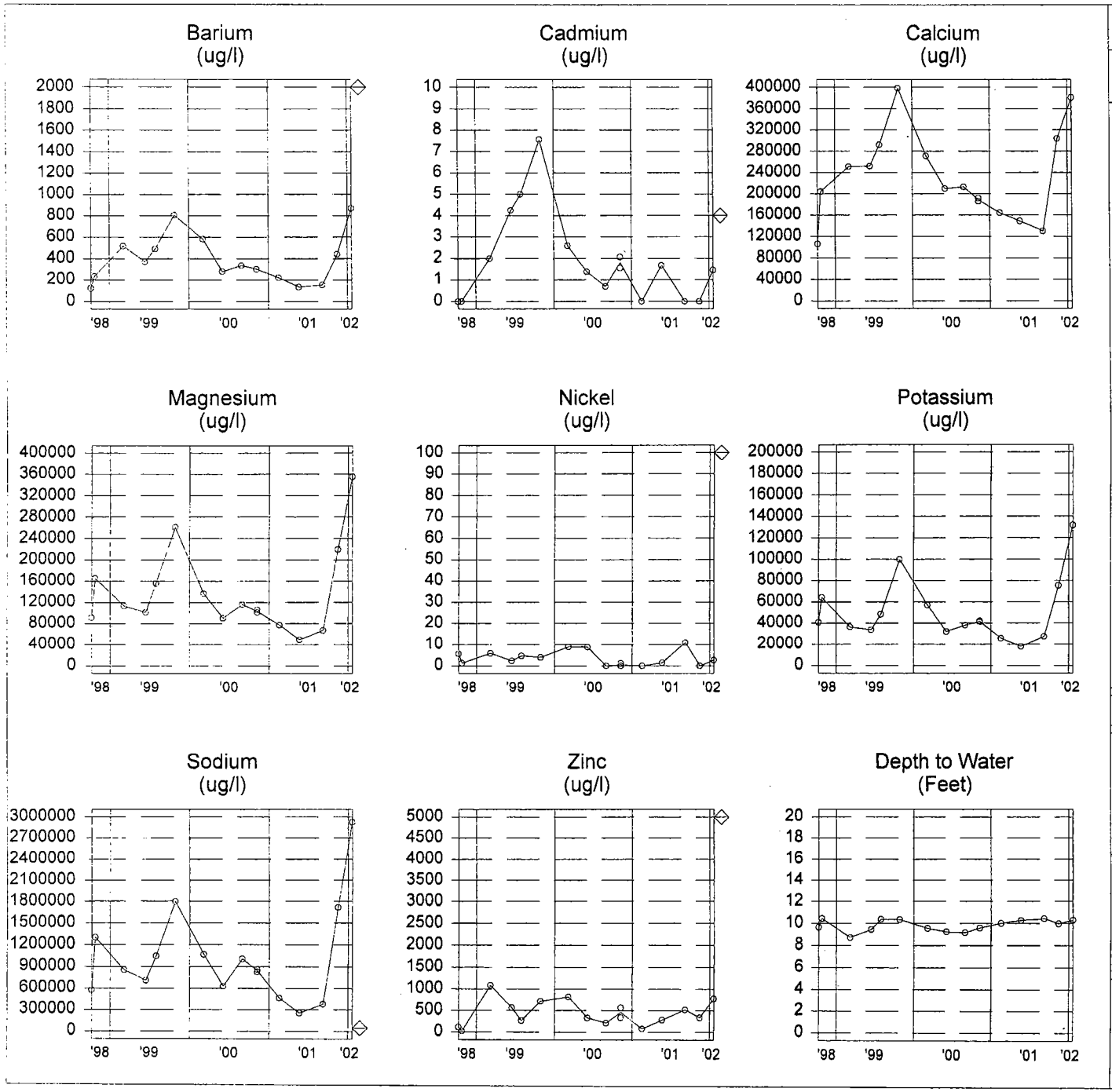

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Sampling Dates:
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SELFM-PW-EV

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	Lab	Acetone	Chloro benzene	2-Butanone	Aluminum	Iron	Manganese	Silver	Antimony	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	200	300	50	20	20	2000	-
10/20/1998	FMETL	ND	1.01	6.34	235	55500	1100	ND	4.61	429	V,S,P,M
11/02/1998	FMETL	8.5	1.37	5.43	7030	88700	511	ND	6.41	749	V,S,P,M
03/01/1999	FMETL	ND	1.55	ND	852	54700	768	ND	4.68	271	V,S,P,M
06/11/1999	FMETL	ND	ND	ND	747	36600	645	ND	ND	249	V,S,P,M
07/27/1999	FMETL	ND	1.59	2.45	1530	44200	855	ND	ND	404	V,S,P,M
10/26/1999	FMETL	ND	1.66	ND	347	39400	1210	ND	3.26	559	V,S,P,M
03/02/2000	FMETL	ND	1.44	ND	395	37100	527	ND	ND	274	V,S,P,M
06/01/2000	FMETL	ND	ND	ND	119	41700	575	ND	ND	233	V,S,P,M
08/28/2000	FMETL	ND	1.85	ND	173	45600	722	ND	2.54	352	V,S,P,M
11/07/2000	FMETL	4.34	2.08	ND	276	54900	782	ND	ND	413	V,S,P,M
02/14/2001	FMETL	ND	ND	ND	138	62200	629	ND	ND	380	V,S,P,M
05/17/2001	FMETL	ND	1.78	ND	62.5	43500	616	ND	ND	287	V,S,P,M
09/06/2001	FMETL	ND	1.65	ND	ND	48000	711	3.37	ND	380	V,S,P,M
11/15/2001	FMETL	ND	1.39	ND	694	89700	1490	ND	ND	817	V,S,P,M
01/16/2002	FMETL	ND	1.52	ND	368	76400	1530	ND	ND	815	V,S,P,M

SOURCE: 00M3MW08

Sampling Dates:
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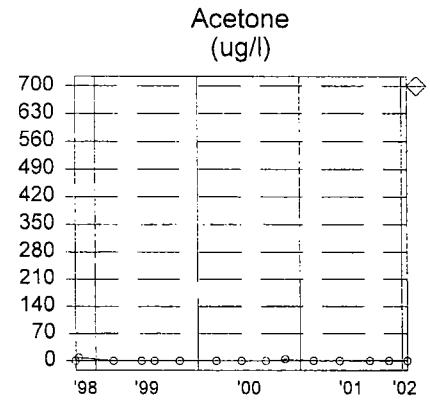
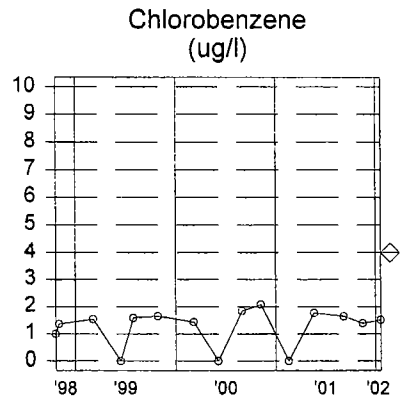
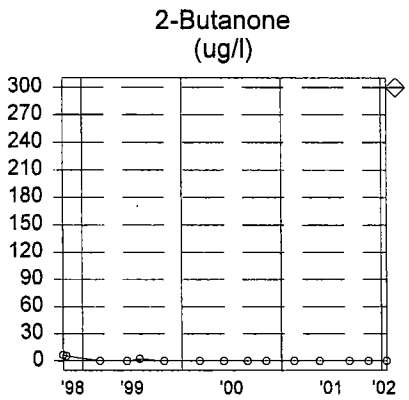
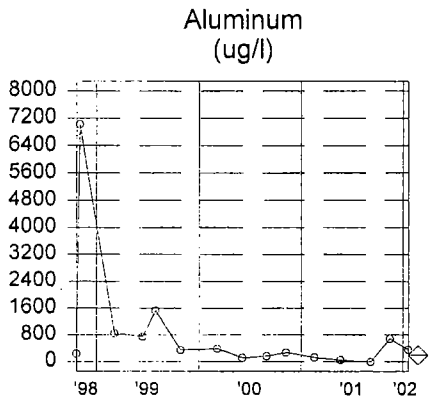
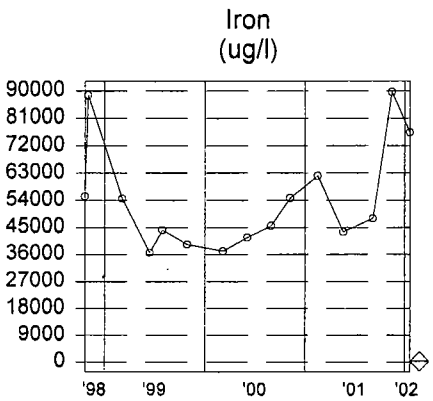
SELFM-PW-EV

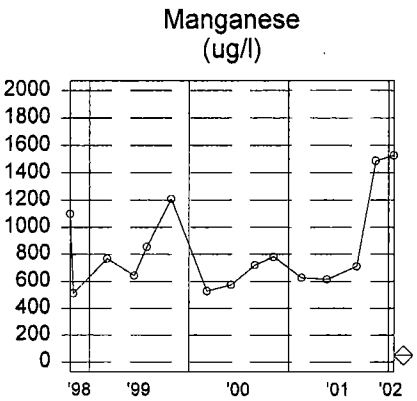


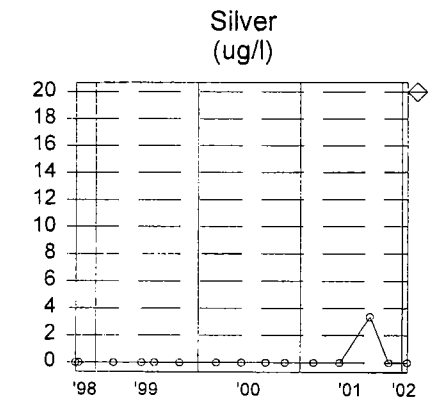


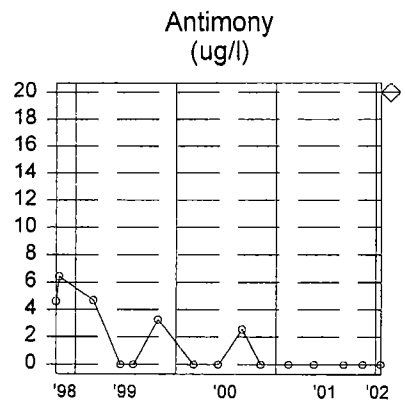


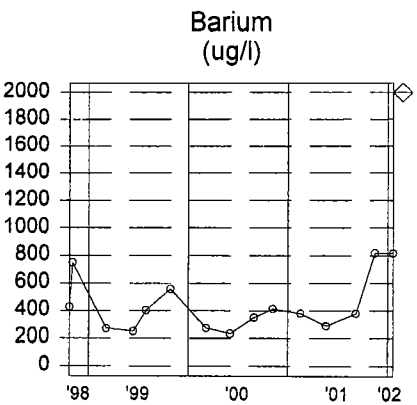












SOURCE: 00M3MW08

Sampling Dates:
10/20/1998 - 01/16/2002

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NJDEP Criteria

FORT MONMOUTH

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FORT MONMOUTH
SELFM-PW-EV

03-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
10/20/1998	FMETL	ND	132000	37600	8.49	25900	168000	220	7.16		V,S,P,M
11/02/1998	FMETL	ND	115000	19000	6.98	24400	12100	107	7.16		V,S,P,M
03/01/1999	FMETL	ND	105000	24700	2.98	8910	118000	143	5.71		V,S,P,M
06/11/1999	FMETL	1.28	88600	16900	ND	7740	60100	61.6	6.50		V,S,P,M
07/27/1999	FMETL	0.95	122000	29000	2.90	11500	149000	91.8	6.93		V,S,P,M
10/26/1999	FMETL	0.897	214000	81000	2.25	22400	593000	30.3	7.60		V,S,P,M
03/02/2000	FMETL	ND	87400	27400	5.3	9300	174000	54.7	6.23		V,S,P,M
06/01/2000	FMETL	ND	81300	19300	11.1	6610	69800	61.4	5.97		V,S,P,M
08/28/2000	FMETL	ND	100000	19200	ND	7830	63200	35.7	5.65		V,S,P,M
11/07/2000	FMETL	ND	101000	17700	7.62	7280	36900	541	6.17		V,S,P,M
02/14/2001	FMETL	ND	72600	16500	ND	5900	32500	25.8	5.62		V,S,P,M
05/17/2001	FMETL	2.66	70400	10900	ND	4710	15600	23.8	6.00		V,S,P,M
09/06/2001	FMETL	1.44	83200	11800	3.81	6250	15200	156	6.60		V,S,P,M
11/15/2001	FMETL	ND	246000	86800	ND	22900	606000	62.3	6.98		V,S,P,M
01/16/2002	FMETL	0.618	243000	93000	1.14	21300	593000	87.2	7.18		V,S,P,M

SOURCE: 00M3MW08

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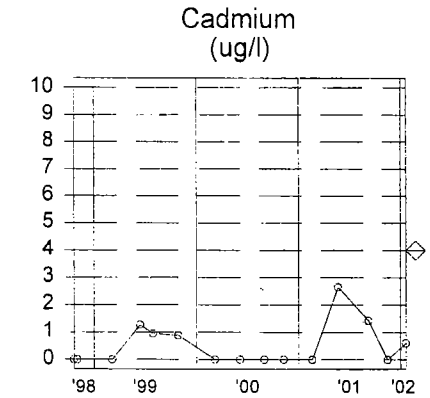

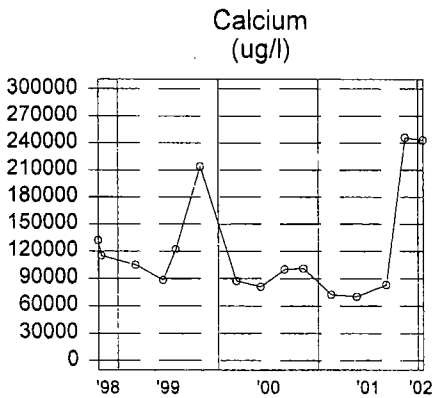

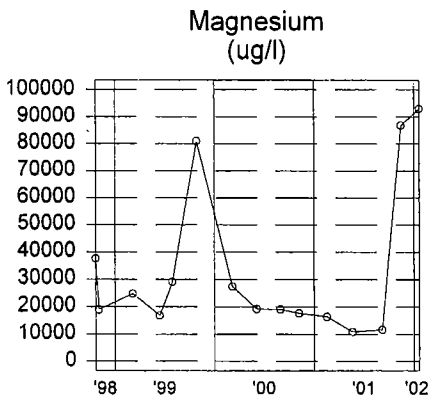

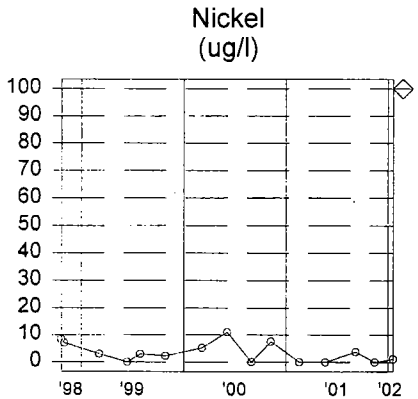

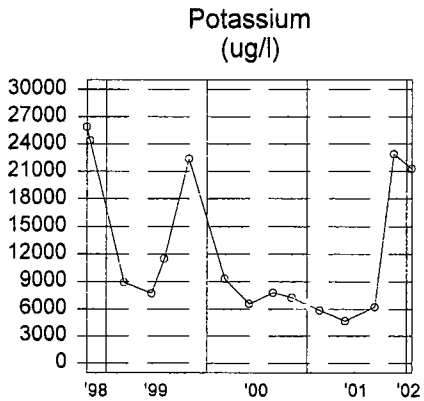

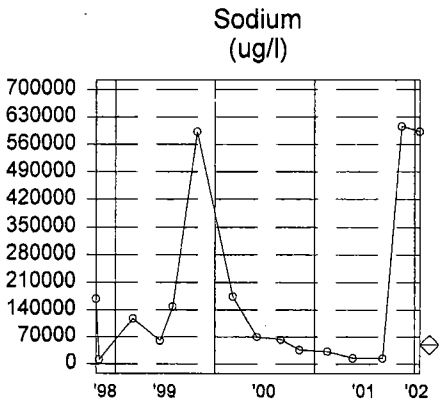

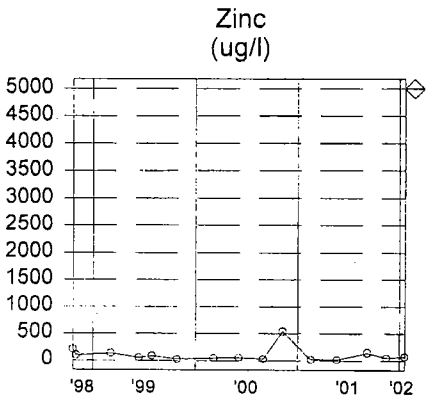

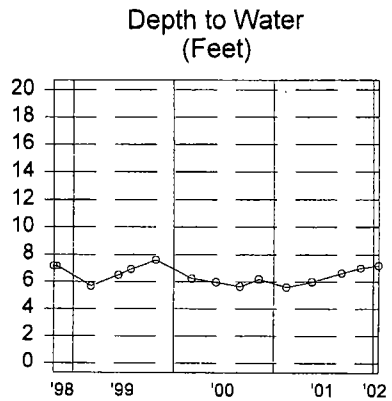

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Sampling Dates:
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FORT MONMOUTH
SELFM-PW-EV

03-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Acetone	Chloro benzene	1,4-Di chloro benzene	4,4'-DDD	Aluminum	Iron	Manganese	Lead	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	75	0.1	200	300	50	10	2000	-
10/07/1998	FMETL	4.66	16.36	2.73	0.713	1040	17400	90.9	ND	73	V,S,P,M
10/23/1998	FMETL	ND	17.33	2.61	0.132	1380	73900	476	32.7	371	V,S,P,M
03/01/1999	FMETL	ND	14.25	ND	0.167	337	60400	1740	8.46	430	V,S,P,M
06/11/1999	FMETL	ND	10.22	ND	0.057	741	64100	595	10.6	332	V,S,P,M
07/27/1999	FMETL	ND	11.69	2.00	0.108	ND	31.1	2.12	ND	ND	V,S,P,M
10/26/1999	FMETL	ND	17.37	2.48	ND	832	82100	534	9.02	401	V,S,P,M
03/02/2000	FMETL	ND	15.64	2.27	0.134	603	69800	772	2.32	412	V,S,P,M
06/01/2000	FMETL	ND	15.39	2.51	ND	202	70600	758	4.60	414	V,S,P,M
08/28/2000	FMETL	ND	20.54	1.87	ND	257	66500	723	4.72	376	V,S,P,M
11/07/2000	FMETL	4.22	16.01	1.46	ND	195	61700	666	ND	417	V,S,P,M
02/14/2001	FMETL	ND	14.74	1.33	ND	73.4	62400	974	ND	402	V,S,P,M
05/17/2001	FMETL	ND	15.66	1.96	ND	97.0	59500	694	2.93	333	V,S,P,M
09/06/2001	FMETL	ND	17.23	2.43	0.020	1040	78300	660	34.1	375	V,S,P,M
11/15/2001	FMETL	ND	10.59	1.26	0.018	ND	75700	646	6.08	343	V,S,P,M
01/16/2002	FMETL	ND	15.3	1.71	ND	741	83300	693	15.0	395	V,S,P,M

SOURCE: 00M3MW09

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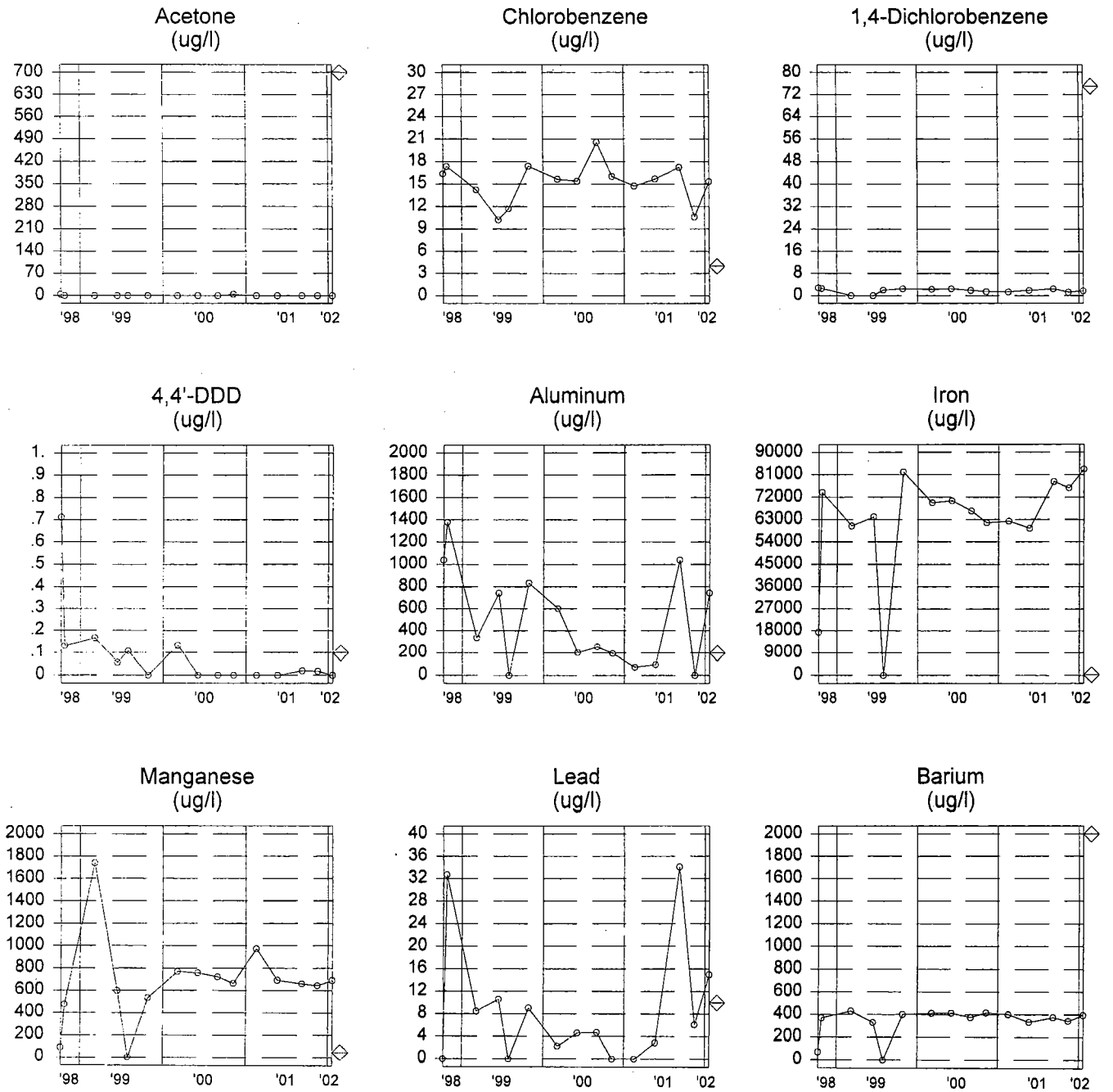

SOURCE: 00M3MW09

Sampling Dates:
10/07/1998 - 01/16/2002

LEGEND:

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
10/07/1998	FMETL	ND	31200	2520	ND	9390	2720	25	11.48		V,S,P,M
10/23/1998	FMETL	ND	62600	12900	3.14	13100	12100	60.6	11.74		V,S,P,M
03/01/1999	FMETL	1.26	82400	19800	22.9	13600	46900	1150	10.75		V,S,P,M
06/11/1999	FMETL	1.85	65400	13300	ND	9910	16300	109	11.37		V,S,P,M
07/27/1999	FMETL	ND	244	54.5	1.15	292	575	7.07	11.52		V,S,P,M
10/26/1999	FMETL	3.58	66700	14000	8.89	10900	27500	212	11.34		V,S,P,M
03/02/2000	FMETL	ND	72700	16100	1.17	9870	17300	84.6	11.23		V,S,P,M
06/01/2000	FMETL	ND	73800	15900	9.28	9480	23200	70.8	11.05		V,S,P,M
08/28/2000	FMETL	ND	71400	15100	ND	10300	14600	50.1	10.73		V,S,P,M
11/07/2000	FMETL	ND	67900	14300	ND	10200	13400	46.9	11.29		V,S,P,M
02/14/2001	FMETL	ND	68800	15500	ND	8840	12100	21.6	11.02		V,S,P,M
05/17/2001	FMETL	3.77	59300	12200	ND	8030	13000	52.5	11.11		V,S,P,M
09/06/2001	FMETL	3.38	63700	14100	4.13	10100	10200	405	11.38		V,S,P,M
11/15/2001	FMETL	1.99	73700	19900	3.78	12200	35500	86.6	11.76		V,S,P,M
01/16/2002	FMETL	2.35	70400	16500	1.91	12100	22000	161	12.00		V,S,P,M

SOURCE: 00M3MW09

Sampling Dates:
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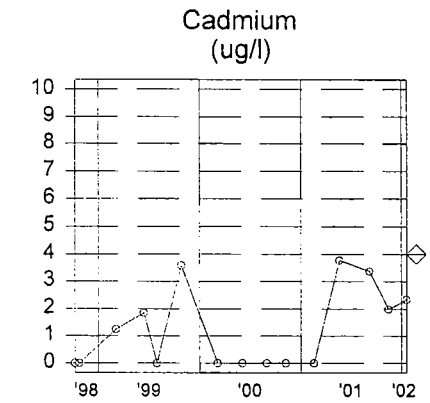

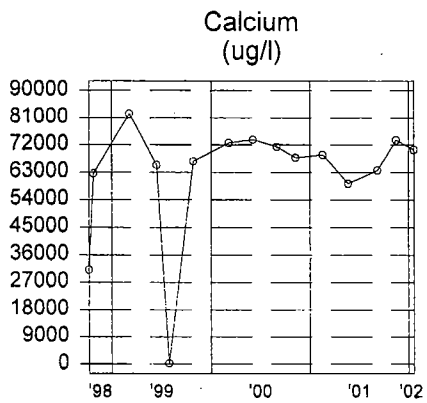

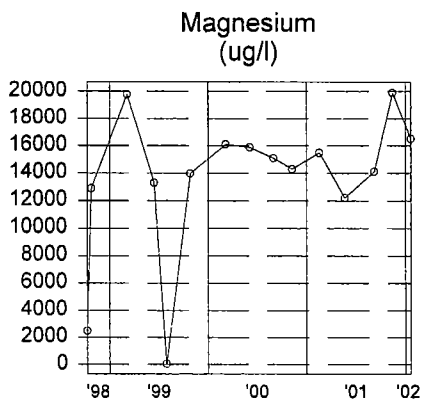

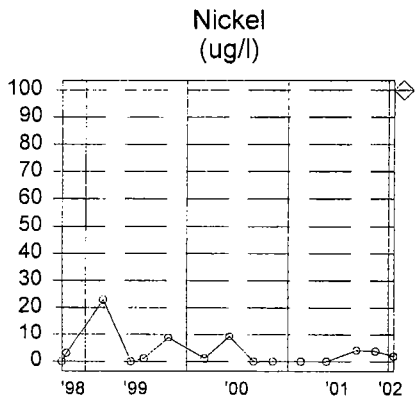

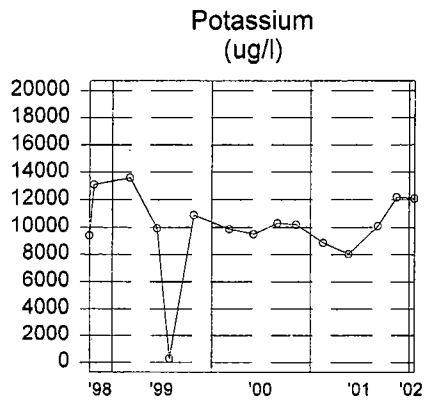

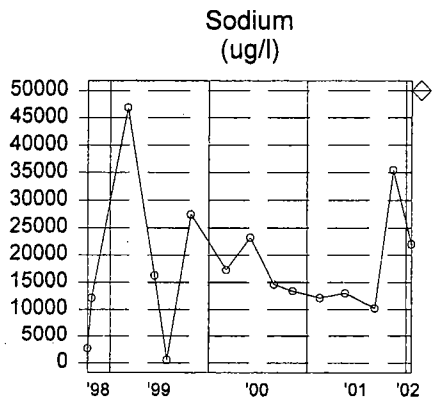

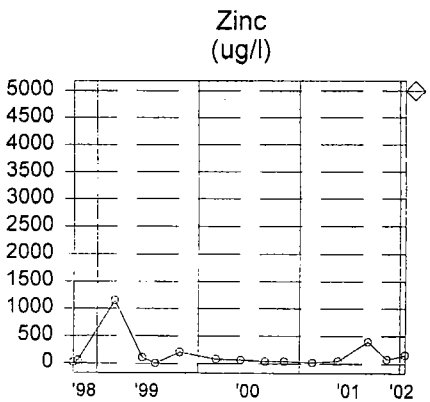

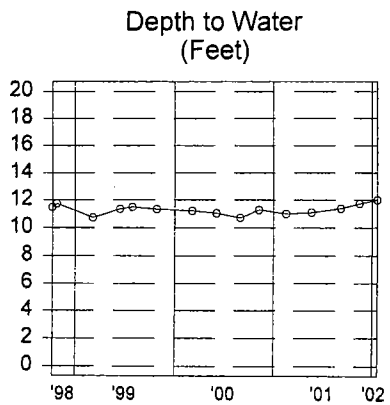

SOURCE: 00M3MW09

Sampling Dates:
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LEGEND:

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	Lab	Chloro benzene	2-Butanone	1,4-Di chloro benzene	Acenaph thene	Fluorene	Aluminum	Iron	Manganese	Lead	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	300	75	400	300	200	300	50	10	-
10/20/1998	FMETL	17.07	5.16	1.78	ND	ND	1960	57400	405	9.95	V,S,P,M
11/02/1998	FMETL	19.19	ND	2.05	ND	ND	1570	61300	993	9.2	V,S,P,M
03/01/1999	FMETL	20.08	ND	1.79	2.55	ND	1540	103000	761	9.86	V,S,P,M
06/11/1999	FMETL	16.27	14.14	ND	1.25	ND	1180	66100	708	2.58	V,S,P,M
07/27/1999	FMETL	15.90	4.57	1.99	1.23	ND	317	67700	866	7.30	V,S,P,M
10/26/1999	FMETL	19.56	ND	2.13	1.78	1.33	268	62300	662	ND	V,S,P,M
03/02/2000	FMETL	15.34	ND	1.89	1.18	1.04	2330	91200	682	ND	V,S,P,M
06/01/2000	FMETL	11.80	ND	1.45	1.40	1.02	187	62300	735	ND	V,S,P,M
08/28/2000	FMETL	18.05	ND	1.62	1.97	1.43	910	64400	564	1.60	V,S,P,M
11/07/2000	FMETL	18.59	ND	1.38	1.81	1.19	397	64800	588	ND	V,S,P,M
02/14/2001	FMETL	13.84	ND	ND	1.03	ND	97.0	84400	630	ND	V,S,P,M
05/17/2001	FMETL	15.98	ND	1.22	1.24	ND	827	66700	553	4.31	V,S,P,M
09/06/2001	FMETL	15.80	ND	1.37	1.47	1.13	925	62300	525	5.64	V,S,P,M
11/15/2001	FMETL	15.8	ND	1.42	1.40	1.00	1990	68300	526	9.11	V,S,P,M
01/16/2002	FMETL	16.34	ND	1.47	ND	ND	1510	79100	708	5.52	V,S,P,M

SOURCE: 00M3MW10

Sampling Dates:
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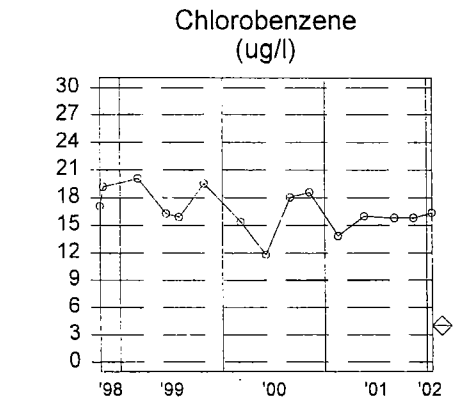

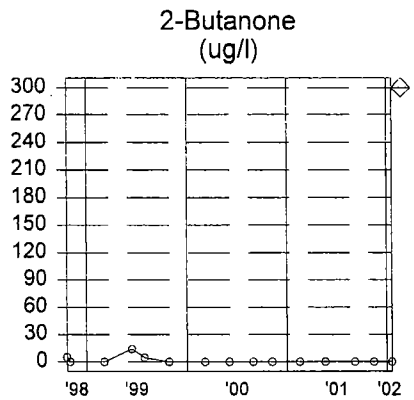

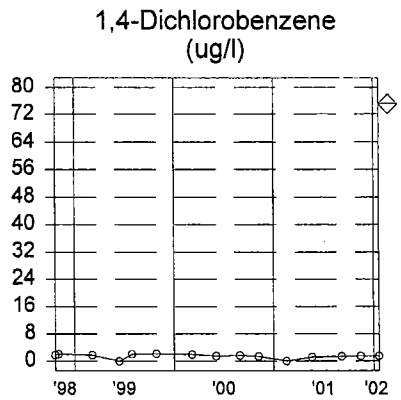

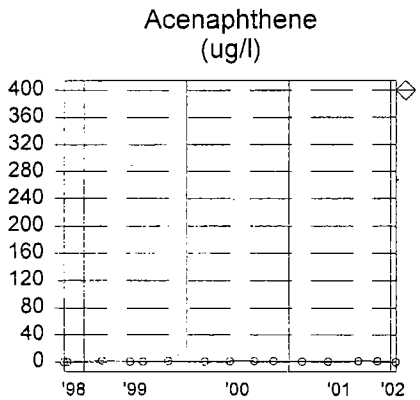

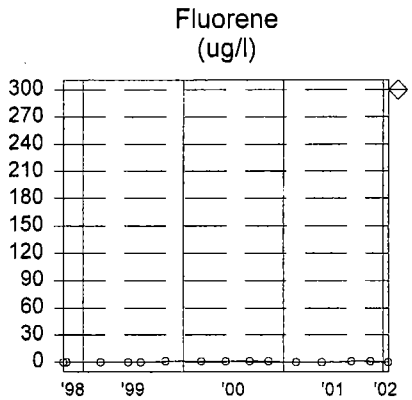

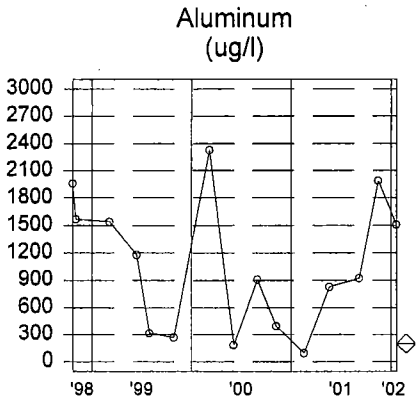

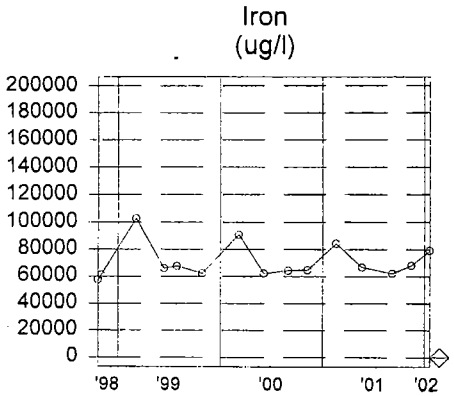

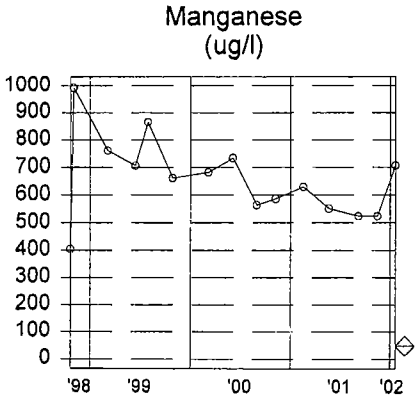

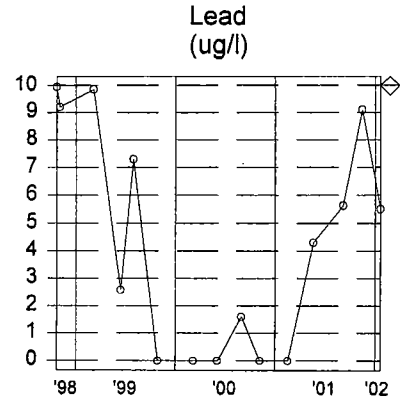

SOURCE: 00M3MW10

Sampling Dates:
10/20/1998 - 01/16/2002

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o = Date Sampled

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FORT MONMOUTH

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SELFM-PW-EV

03-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/20/1998	FMETL	561	ND	91700	14100	1.59	15000	15500	35.2	6.11	V,S,P,M
11/02/1998	FMETL	513	ND	139000	37100	4.62	20600	154000	229	6.11	V,S,P,M
03/01/1999	FMETL	947	ND	119000	19700	28	13500	16500	144	5.03	V,S,P,M
06/11/1999	FMETL	592	ND	108000	17300	ND	12800	17300	28.8	5.76	V,S,P,M
07/27/1999	FMETL	345	1.58	66200	13900	5.49	11900	24900	91.5	6.08	V,S,P,M
10/26/1999	FMETL	635	ND	110000	17900	ND	12500	25600	8.12	5.61	V,S,P,M
03/02/2000	FMETL	760	ND	95500	16200	1.62	10400	14400	83.8	5.30	V,S,P,M
06/01/2000	FMETL	678	ND	109000	17300	11.6	10300	14400	19.3	5.53	V,S,P,M
08/28/2000	FMETL	604	ND	104000	16200	ND	11700	16200	42.2	5.31	V,S,P,M
11/07/2000	FMETL	689	ND	110000	16500	ND	11400	16400	23.5	5.85	V,S,P,M
02/14/2001	FMETL	762	2.93	92600	14800	ND	8440	12300	21.9	5.18	V,S,P,M
05/17/2001	FMETL	625	4.08	97500	15500	1.92	9390	13900	33.1	5.53	V,S,P,M
09/06/2001	FMETL	655	2.05	105000	16500	ND	11300	15300	27.8	8.10	V,S,P,M
11/15/2001	FMETL	685	1.36	115000	20200	1.35	13200	40200	56.9	6.29	V,S,P,M
01/16/2002	FMETL	811	1.93	127000	20300	1.70	13700	25300	54.6	6.20	V,S,P,M

SOURCE: 00M3MW10

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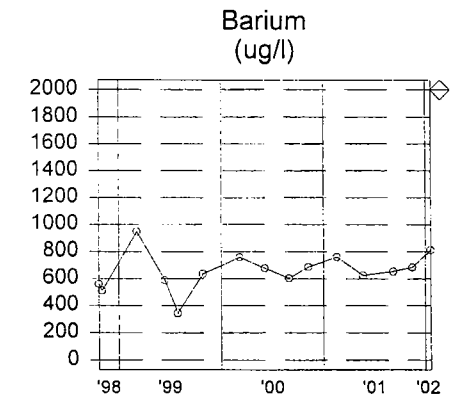

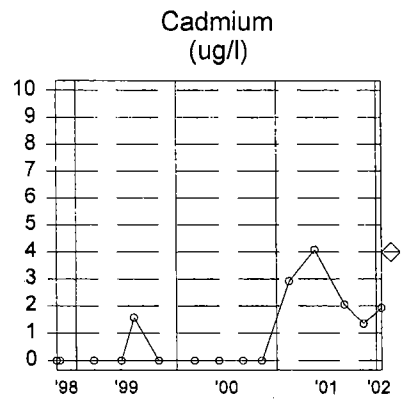

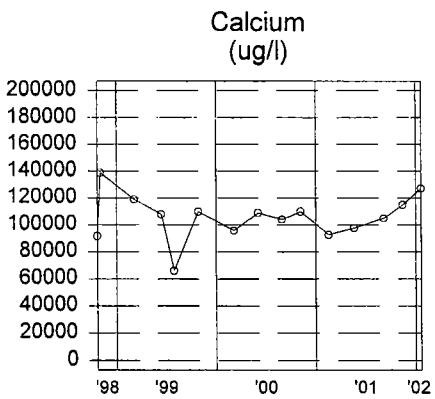

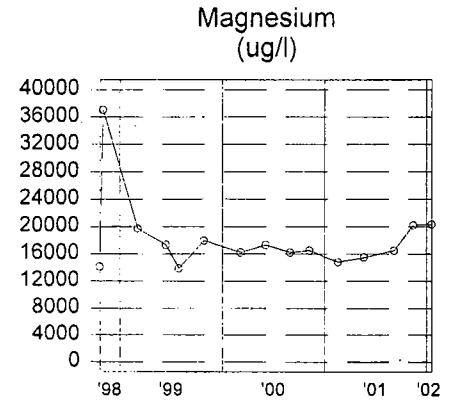

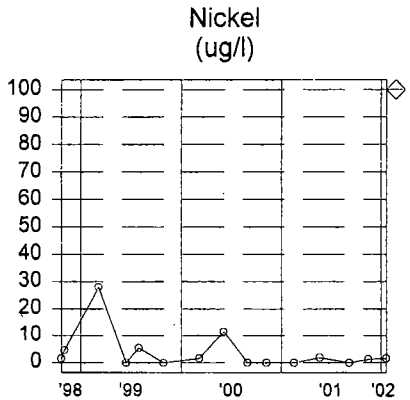

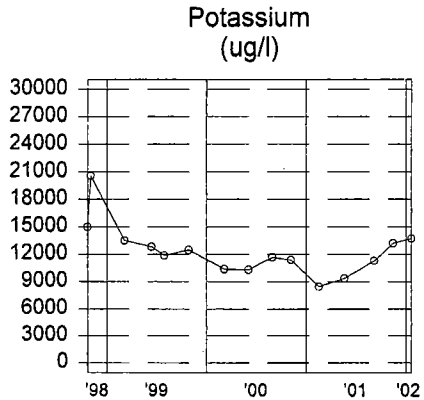

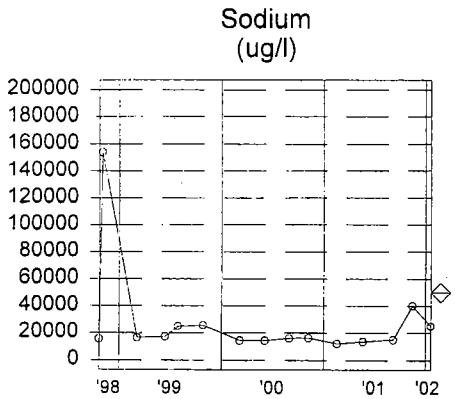

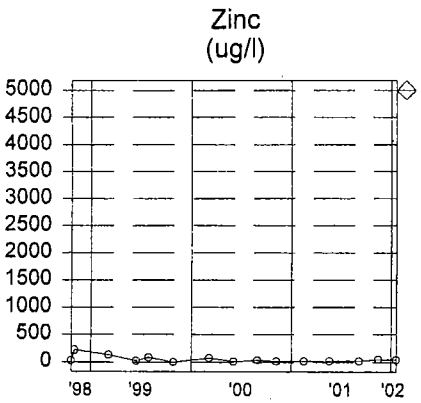

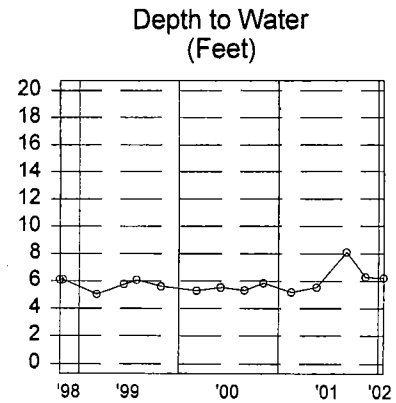

SOURCE: 00M3MW10

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	Lab	Chloro benzene	1,4-Di chloro benzene	Acenaph thene	Fluorene	Aluminum	Iron	Manganese	Lead	Silver	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	75	400	300	200	300	50	10	20	-
10/07/1998	FMETL	5.03	2.46	ND	ND	3480	62200	588	11	ND	V,S,P,M
10/23/1998	FMETL	5.56	2.6	ND	ND	500	49900	549	3.83	ND	V,S,P,M
03/02/1999	FMETL	2.66	ND	ND	ND	6840	73200	1780	11.2	ND	V,S,P,M
06/11/1999	FMETL	5.44	1.57	1.14	1.18	7620	82400	956	15.2	ND	V,S,P,M
07/27/1999	FMETL	5.60	2.99	1.21	1.19	7580	77800	897	22.3	ND	V,S,P,M
10/26/1999	FMETL	6.28	3.44	1.84	1.84	2750	65800	822	7.95	ND	V,S,P,M
03/02/2000	FMETL	3.26	1.40	ND	ND	1330	47300	1020	ND	1.74	V,S,P,M
06/01/2000	FMETL	3.56	1.58	1.16	1.01	2160	64800	1010	17.8	ND	V,S,P,M
06/01/2000D	FMETL	3.50	ND	1.32	1.14	1370	59300	1020	6.21	ND	V,S,P,M
08/28/2000	FMETL	3.27	1.17	1.16	1.12	1250	50600	1890	4.17	3.56	V,S,P,M
11/07/2000	FMETL	5.65	2.87	1.44	1.32	1380	63600	873	4.35	ND	V,S,P,M
02/14/2001	FMETL	1.64	ND	ND	ND	289	43300	1400	ND	ND	V,S,P,M
05/17/2001	FMETL	3.97	1.31	ND	ND	858	48500	910	5.52	2.35	V,S,P,M
09/06/2001	FMETL	4.43	1.82	1.28	1.18	702	52400	702	6.09	ND	V,S,P,M
11/15/2001	FMETL	4.78	1.85	ND	ND	752	54200	694	6.62	ND	V,S,P,M
01/16/2002	FMETL	4.73	2.17	1.75	1.48	682	56200	855	4.40	ND	V,S,P,M

SOURCE: 00M3MW11

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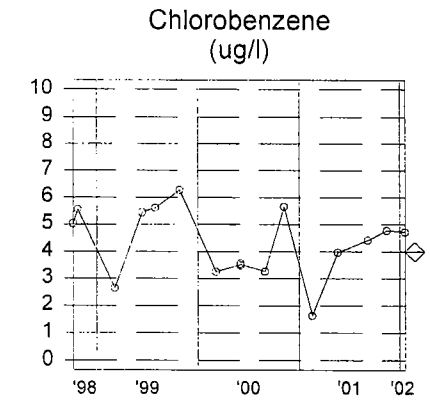
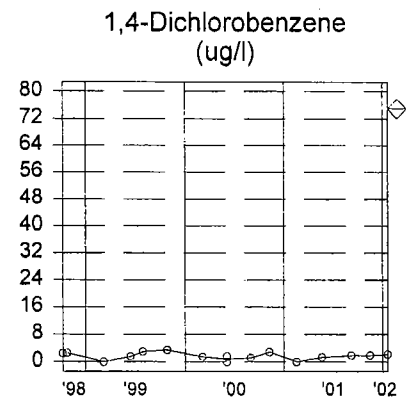
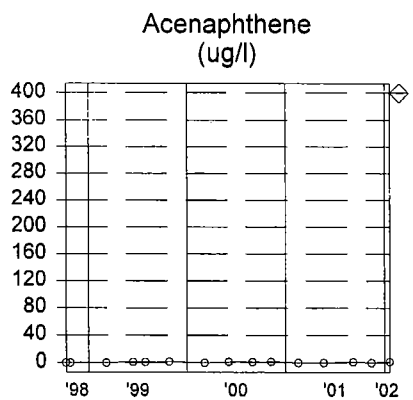
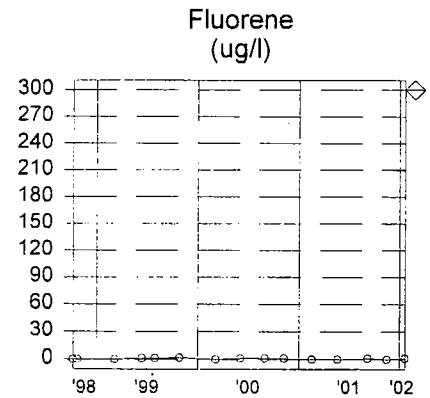
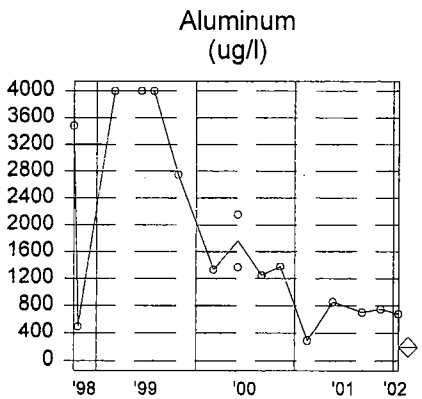
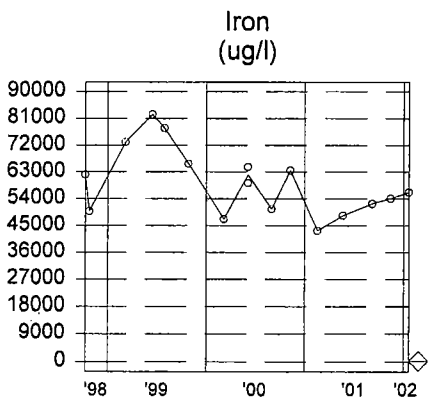


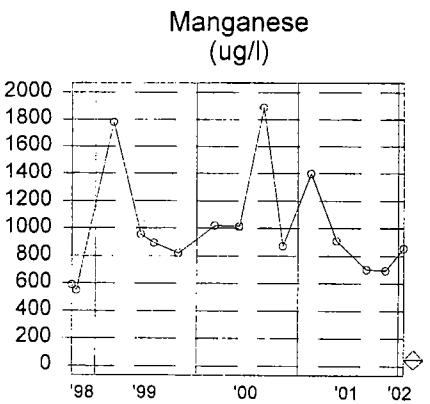


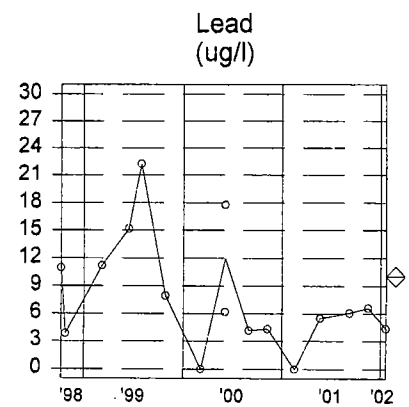


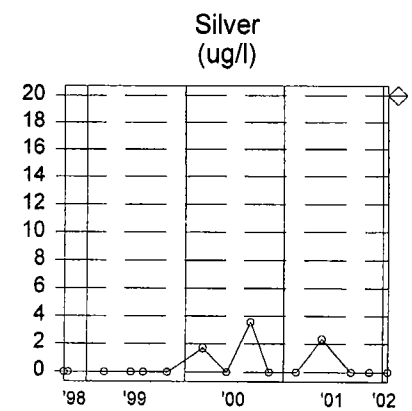












SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 01/16/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/07/1998	FMETL	393	1.2	116000	10300	29	12100	13600	435	8.56	V,S,P,M
10/23/1998	FMETL	341	ND	108000	9020	6.2	8620	7180	98.2	8.63	V,S,P,M
03/02/1999	FMETL	279	12.3	185000	14500	263	8110	14800	3350	7.65	V,S,P,M
06/11/1999	FMETL	529	47.3	108000	10200	79.8	8430	10700	1850	8.27	V,S,P,M
07/27/1999	FMETL	472	14.6	117000	11400	157	9960	10900	2320	8.55	V,S,P,M
10/26/1999	FMETL	468	7.61	112000	9970	24.2	8450	11100	330	8.03	V,S,P,M
03/02/2000	FMETL	287	15	151000	13000	359	7320	13200	6050	7.72	V,S,P,M
06/01/2000	FMETL	436	19.1	133000	11300	104	6780	10200	1550	7.93	V,S,P,M
06/01/2000D	FMETL	408	11.7	134000	11300	87.8	6600	10600	1140	7.93	V,S,P,M
08/28/2000	FMETL	271	12.7	133000	11000	469	7090	11300	3850	8.73	V,S,P,M
11/07/2000	FMETL	464	8.89	115000	10000	38.0	7190	9290	1060	8.05	V,S,P,M
02/14/2001	FMETL	330	6.31	163000	13000	530	7190	20100	3140	7.25	V,S,P,M
05/17/2001	FMETL	263	6.91	99700	8600	116	5480	ND	1880	7.81	V,S,P,M
09/06/2001	FMETL	330	4.48	115000	9960	36.7	6770	5790	731	8.48	V,S,P,M
11/15/2001	FMETL	388	5.30	13100	11300	46.9	7850	9940	942	8.49	V,S,P,M
01/16/2002	FMETL	417	4.30	133000	11400	40.5	8170	8240	847	8.28	V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 01/16/2002

NOTES:

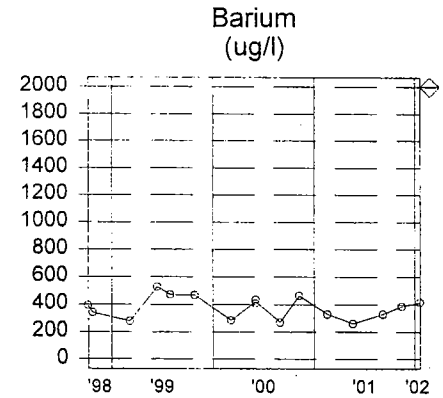
Page 2 of 2

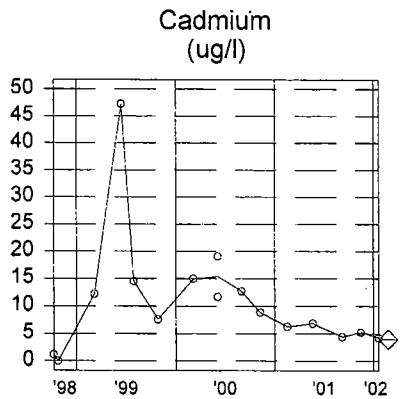
FORT MONMOUTH

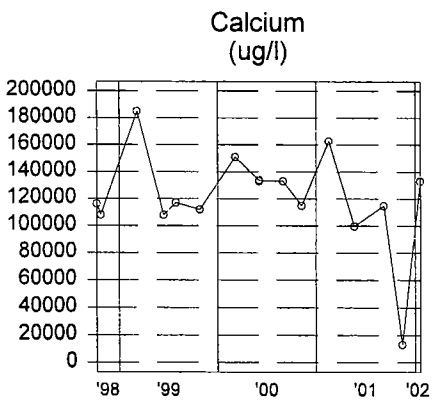
GW MONITORING
M-3

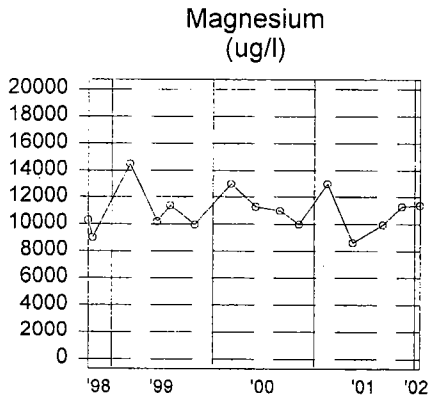
Source 8 of 8

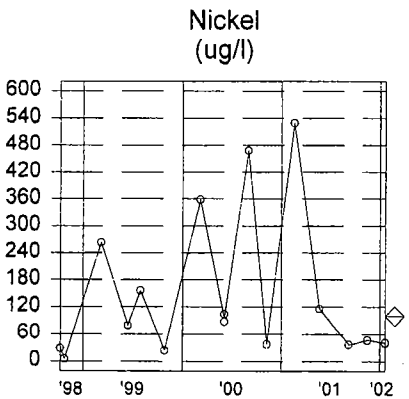
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

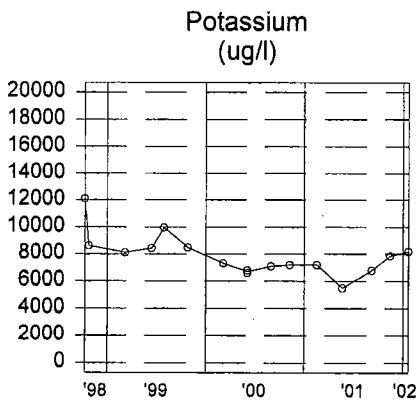


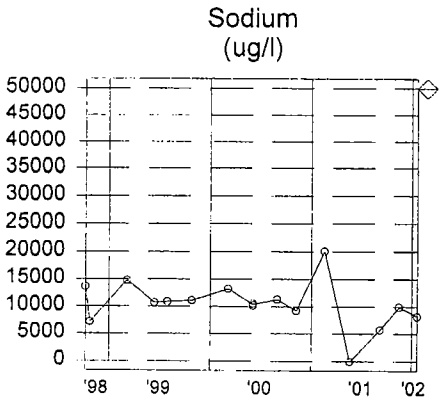


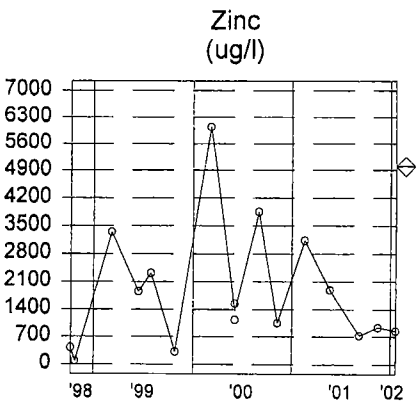


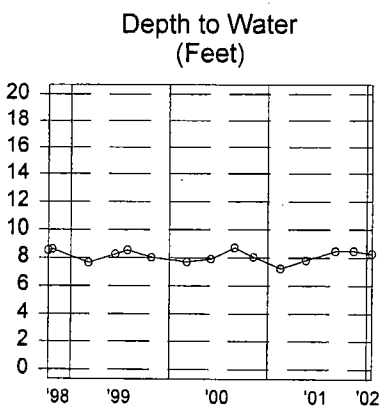












SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 01/16/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-3

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
2022204	00M3MW04	29-32568	04/24/02
2022205	00M3MW05	29-32569	04/24/02
2022206	00M3MW06	29-32570	04/24/02
2022207	00M3MW07	29-39173	04/24/02
2022208	00M3MW08	29-39174	04/24/02
2022209	00M3MW09	29-39175	04/24/02
2022210	00M3MW10	29-39176	04/24/02
2022211	00M3MW11	29-39145	04/24/02

NJDEP Laboratory Certification # 13461

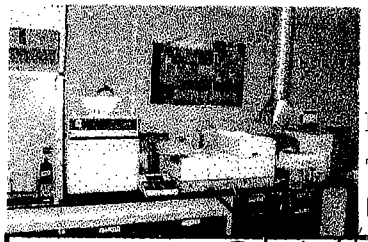
5-23-02

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X216223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: M-3 wells
2nd Qtr '02

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL/HNO3/4°C

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VO+15	TAL MTLS	Pest/PCB	BNA+25				Pb Lead	Remarks / Preservation Method
20220	01	Trip	4/24/02	0735	AQ	2	✓							—	
	02	Field Blank		0830		5	✓	✓	✓	✓				—	
	03	Dupe		—		5	✓	✓	✓	✓				—	
	04	M3mw04		0953		5	✓	✓	✓	✓				0.0	29-32568
	05	M3mw05		0932			✓	✓	✓	✓				0.0	29-32569
	06	M3mw06 *		0935			✓	✓	✓	✓				0.0	29-32570
	07	M3mw07		0845			✓	✓	✓	✓				0.0	29-39173
	08	M3mw08		0915			✓	✓	✓	✓				0.0	29-39174
	09	M3mw09		1147			✓	✓	✓	✓				0.0	29-39175
	10	M3mw10		1107			✓	✓	✓	✓				0.0	29-39176
	11	M3mw11		1028			✓	✓	✓	✓				0.0	29-39145

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	4/24/02 1310	J. Wright			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: Tide: H

print legibly

Coc4/11/02

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW04
NJDEP ID #: 29-32568
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 04/24/02
WEATHER: Sunny and cool.
TIDE: High.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 12.79 ft
DEPTH OF WELL: 25.11 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.32 ft
(12.32) X .65 X 3 =24.02
GALLONS OF H2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:08
pH 5.83 su
TEMP 15.3 °C
DISSOLVED O2 5.11 mg/L
SPECIFIC CONDUCTIVITY 49.30 ms/cm

PURGE END TIME: 09:52
pH 5.27 su
TEMP 14.8 °C
DISSOLVED O2 3.20 mg/L
SPECIFIC CONDUCTIVITY 51.76 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 13.23 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 09:53
pH 5.25 su
TEMP 14.6 °C
DISSOLVED O2 3.17 mg/L
SPECIFIC CONDUCTIVITY 51.60 ms/cm

SAMPLE END TIME: 09:58

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW05
NJDEP ID #: 29-32569
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 04/24/02
WEATHER: Sunny and cool.
TIDE: High.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.75 ft
DEPTH OF WELL: 18.14 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 0.39 ft
(9.39) X .65 X 3 = 18.31
GALLONS OF H2O TO BE PURGED: 18 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:13
pH 6.27 su
TEMP 16.21 °C
DISSOLVED O2 4.71 mg/L
SPECIFIC CONDUCTIVITY 80.41 ms/cm

PURGE END TIME: 09:31
pH 5.93 su
TEMP 15.55 °C
DISSOLVED O2 3.11 mg/L
SPECIFIC CONDUCTIVITY 84.76 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 9.20 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 18 gal

SAMPLE START TIME: 09:32
pH 5.91 su
TEMP 15.50 °C
DISSOLVED O2 3.08 mg/L
SPECIFIC CONDUCTIVITY 84.76 ms/cm

SAMPLE END TIME: 09:34

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW06
NJDEP ID #: 29-32570
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 04/24/02
WEATHER: Sunny and cool.
TIDE: High.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.38 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.79 ft
(8.79) X .65 X 3 =17.14
GALLONS OF H2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:18
pH 5.83 su
TEMP 15.76 °C
DISSOLVED O2 4.37 mg/L
SPECIFIC CONDUCTIVITY 152.7 ms/cm

PURGE END TIME: 09:32
pH 5.63 su
TEMP 15.13 °C
DISSOLVED O2 3.23 mg/L
SPECIFIC CONDUCTIVITY 155.4 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 9.94 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 09:35
pH 5.61 su
TEMP 15.13 °C
DISSOLVED O2 3.17 mg/L
SPECIFIC CONDUCTIVITY 155.8 ms/cm

SAMPLE END TIME: 09:39

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW07
NJDEP ID #: 29-39173
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 04/24/02
WEATHER: Sunny and cool.
TIDE: High.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 9.01 ft
DEPTH OF WELL: 18.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.47 ft
(9.47) X .163 X 3 =4.63
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:22
pH 7.03 su
DISSOLVED O2 4.76 mg/L
TEMP 15.87 °C
SPECIFIC CONDUCTIVITY 1191 ms/cm

PURGE END TIME: 08:44
pH 6.77 su
DISSOLVED O2 3.51 mg/L
TEMP 15.17 °C
SPECIFIC CONDUCTIVITY 1183 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 12.58 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 08:45
pH 6.74 su
DISSOLVED O2 3.49 mg/L
TEMP 15.18 °C
SPECIFIC CONDUCTIVITY 1179 ms/cm

SAMPLE END TIME: 08:49

COMMENTS: Cloudy, particles while bailing.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW08
NJDEP ID #: 29-39174
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 04/24/02
WEATHER: Sunny and cool.
TIDE: High.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.13 ft
DEPTH OF WELL: 15.23 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.92 ft
(8.92) X .163 X 3 = 4.36
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:57
pH 6.67 su
DISSOLVED O2 5.30 mg/L
TEMP 16.17 °C
SPECIFIC CONDUCTIVITY 1076 ms/cm

PURGE END TIME: 09:14
pH 6.27 su
DISSOLVED O2 3.66 mg/L
TEMP 15.87 °C
SPECIFIC CONDUCTIVITY 1034 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 7.45 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 09:15
pH 6.25 su
DISSOLVED O2 3.57 mg/L
TEMP 15.83 °C
SPECIFIC CONDUCTIVITY 1030 ms/cm

SAMPLE END TIME: 09:19

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW09
NJDEP ID #: 29-39175
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 04/24/02
WEATHER: Sunny and cool.
TIDE: High.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.05 ft
DEPTH OF WELL: 16.95 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.90 ft
(10.90) X .163 X 3 = 5.33
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:24
pH 6.27 su
DISSOLVED O2 4.76 mg/L
TEMP 15.71 °C
SPECIFIC CONDUCTIVITY 83.66 ms/cm

PURGE END TIME: 11:46
pH 5.94 su
DISSOLVED O2 3.37 mg/L
TEMP 15.27 °C
SPECIFIC CONDUCTIVITY 83.91 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 11.59 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 11:47
pH 5.93 su
DISSOLVED O2 3.35 mg/L
TEMP 15.27 °C
SPECIFIC CONDUCTIVITY 83.97 ms/cm

SAMPLE END TIME: 11:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW10
NJDEP ID #: 29-39176
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 04/24/02
WEATHER: Sunny and cool.
TIDE: High.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 5.67 ft
DEPTH OF WELL: 16.05 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.38 ft
(10.38) X .163 X 3 = 5.07
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:44
pH 6.71 su
DISSOLVED O2 5.31 mg/L
TEMP 15.77 °C
SPECIFIC CONDUCTIVITY 78.71 ms/cm

PURGE END TIME: 11:06
pH 5.99 su
DISSOLVED O2 4.11 mg/L
TEMP 15.20 °C
SPECIFIC CONDUCTIVITY 79.98 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 6.06 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 11:07
pH 6.01 su
DISSOLVED O2 4.07 mg/L
TEMP 15.17 °C
SPECIFIC CONDUCTIVITY 79.96 ms/cm

SAMPLE END TIME: 11:11

COMMENTS: Very cloudy while bailing.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW11
NJDEP ID #: 29-39145
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 04/24/02
WEATHER: Sunny and cool.
TIDE: High.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 8.00 ft
DEPTH OF WELL: 16.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.50 ft
(8.50) X .163 X 3 = 4.15
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:10
pH 6.31 su
DISSOLVED O2 4.71 mg/L
TEMP 16.11 °C
SPECIFIC CONDUCTIVITY 270.0 ms/cm

PURGE END TIME: 10:27
pH 6.07 su
DISSOLVED O2 3.41 mg/L
TEMP 15.57 °C
SPECIFIC CONDUCTIVITY 137.6 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 9.22 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 10:28
pH 6.04 su
DISSOLVED O2 3.37 mg/L
TEMP 15.47 °C
SPECIFIC CONDUCTIVITY 131.4 ms/cm

SAMPLE END TIME: 10:30

COMMENTS: Slightly cloudy while bailing.

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	:	Method Detection Limit
J	:	Compound identified below detection limit
B	:	Compound found in blank
D	:	Results are from a dilution of the sample
U	:	Compound searched for but not detected
E	:	Compound exceeds calibration limit
PQL	:	Practical Quantitation Limit
NLE	:	No limit established
RT	:	Retention time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008117.D**	Sample Name	**MB 07May02**
Operator	**Skelton**	Field ID	**MB 07May02**
Date Aquired	**7-May-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

5/21/02 10:59 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 07May02**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20222 Location: M3Well SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB 07May02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008117.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: not dec. Date Analyzed: 5/7/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008118.D**	Sample Name	**2022201**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**7-May-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20222 Location: M3Well SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2022201

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008118.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: not dec. Date Analyzed: 5/7/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008119.D**	Sample Name	**2022202**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**7-May-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

5/21/02 10:59 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20222 Location: M3Well SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2022202

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008119.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: not dec. Date Analyzed: 5/7/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008120.D**	Sample Name	**2022203**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**7-May-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.17	26449	1.82 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

5/21/02 10:59 AM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20222 Location: M3Well SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2022203

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008120.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: not dec. _____ Date Analyzed: 5/7/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008121.D**	Sample Name	**2022204**
Operator	**Skelton**	Field ID	**M3MW04**
Date Aquired	**7-May-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20222 Location: M3Well SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2022204

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008121.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: not dec. _____ Date Analyzed: 5/7/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008122.D**	Sample Name	**2022205**
Operator	**Skelton**	Field ID	**M3MW05**
Date Aquired	**7-May-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.18	58200	4.14 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20222 Location: M3Well SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2022205

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008122.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: not dec. Date Analyzed: 5/7/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008123.D**	Sample Name	**2022206**
Operator	**Skelton**	Field ID	**M3MW06**
Date Aquired	**8-May-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.18	21487	1.47 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW06**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20222 Location: M3Well SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2022206

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008123.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: not dec. Date Analyzed: 5/8/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008124.D**	Sample Name	**2022207**
Operator	**Skelton**	Field ID	**M3MW07**
Date Aquired	**8-May-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	16.20	98492	17.06 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW07**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20222 Location: M3Well SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2022207

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008124.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: not dec. _____ Date Analyzed: 5/8/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008125.D**	Sample Name	**2022208**
Operator	**Skelton**	Field ID	**M3MW08**
Date Aquired	**8-May-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.18	25811	1.88 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW08**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20222 Location: M3Well SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2022208

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008125.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: not dec. Date Analyzed: 5/8/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008126.D**	Sample Name	**2022209**
Operator	**Skelton**	Field ID	**M3MW09**
Date Aquired	**8-May-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.18	260281	17.79 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW09**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20222 Location: M3Well SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2022209

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008126.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: not dec. _____ Date Analyzed: 5/8/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008127.D**	Sample Name	**2022210**
Operator	**Skelton**	Field ID	**M3MW10**
Date Aquired	**8-May-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.18	232833	16.05 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW10**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20222 Location: M3Well SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2022210

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008127.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: not dec. _____ Date Analyzed: 5/8/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008128.D**	Sample Name	**2022211**
Operator	**Skelton**	Field ID	**M3MW11**
Date Aquired	**8-May-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.18	62143	3.98 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW11**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20222 Location: M3Well SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2022211

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008128.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: not dec. _____ Date Analyzed: 5/8/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06771.D**	Sample Name	**MB-043002**
Operator	**BPatel**	Misc Info	**MB-043002**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA06771.D**	Sample Name	**MB-043002**
Operator	**BPatel**	Misc Info	**MB-043002**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-043002**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20222 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-043002

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06771.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: decanted: (Y/N) N Date Extracted: 4/30/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/4/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.48	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06761.D**	Sample Name	**2022202**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA06761.D**	Sample Name	**2022202**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20222 Location: M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2022202

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06761.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 4/30/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/4/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06762.D**	Sample Name	**2022203**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA06762.D**	Sample Name	**2022203**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20222 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2022203

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06762.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: decanted: (Y/N) N Date Extracted: 4/30/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/4/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	11.32	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06763.D**	Sample Name	**2022204**
Operator	**BPatel**	Misc Info	**M3MW04**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

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Data File Name	**BNA06763.D**	Sample Name	**2022204**
Operator	**BPatel**	Misc Info	**M3MW04**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20222 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2022204

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06763.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: decanted: (Y/N) N Date Extracted: 4/30/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/4/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06764.D**	Sample Name	**2022205**
Operator	**BPatel**	Misc Info	**M3MW05**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene	18.21	57446	1.36 ug/L	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

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Data File Name	**BNA06764.D**	Sample Name	**2022205**
Operator	**BPatel**	Misc Info	**M3MW05**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.40	157926	3.12 ug/L	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20222 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2022205

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06764.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: decanted: (Y/N) N Date Extracted: 4/30/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/4/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.48	4	J
2. 000496-11-7	Indane	11.32	7	JN
3. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	12.12	6	JN
4.	unknown	13.26	6	J
5.	unknown	20.18	5	J
6. 000080-05-7	Phenol, 4,4'-(1-methylethylidene)	25.49	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06765.D**	Sample Name	**2022206**
Operator	**BPatel**	Misc Info	**M3MW06**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA06765.D**	Sample Name	**2022206**
Operator	**BPatel**	Misc Info	**M3MW06**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW06**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20222 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2022206

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06765.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: decanted: (Y/N) N Date Extracted: 4/30/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/4/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	11.32	8	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06766.D**	Sample Name	**2022207**
Operator	**BPatel**	Misc Info	**M3MW07**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA06766.D**	Sample Name	**2022207**
Operator	**BPatel**	Misc Info	**M3MW07**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW07**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20222 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2022207

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06766.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: decanted: (Y/N) N Date Extracted: 4/30/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/4/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.48	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06767.D**	Sample Name	**2022208**
Operator	**BPatel**	Misc Info	**M3MW08**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA06767.D**	Sample Name	**2022208**
Operator	**BPatel**	Misc Info	**M3MW08**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW08**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20222 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2022208

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06767.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: decanted: (Y/N) N Date Extracted: 4/30/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/4/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06768.D**	Sample Name	**2022209**
Operator	**BPatel**	Misc Info	**M3MW09**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene	10.95	42807	1.59 ug/L	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene			not detected	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA06768.D**	Sample Name	**2022209**
Operator	**BPatel**	Misc Info	**M3MW09**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW09**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20222 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2022209

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06768.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: decanted: (Y/N) N Date Extracted: 4/30/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/4/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	11.32	5	JN
2. 000101-83-7	Cyclohexanamine, N-cyclohexyl-	17.44	14	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06769.D**	Sample Name	**2022210**
Operator	**BPatel**	Misc Info	**M3MW10**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene	10.95	30328	1.02 ug/L	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene	18.20	69206	1.51 ug/L	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA06769.D**	Sample Name	**2022210**
Operator	**BPatel**	Misc Info	**M3MW10**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate	19.28	64115	1.16 ug/L	5000	1.10	ug/L	
86-73-7	Fluorene			not detected	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW10**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20222 Location: M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2022210

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06769.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: decanted: (Y/N) N Date Extracted: 4/30/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/4/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.47	4	J
2. 000496-11-7	Indane	11.32	5	JN
3.	unknown	14.00	4	J
4. 000098-54-4	Phenol, p-tert-butyl-	15.32	4	JN
5.	unknown	20.18	7	J
6.	unknown	20.88	6	J
7. 007206-21-5	5-Octadecene, (E)-	24.40	11	JN
8. 000080-05-7	Phenol, 4,4'-(1-methylethylidene)	25.50	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA06770.D**	Sample Name	**2022211**
Operator	**BPatel**	Misc Info	**M3MW11**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	0.61	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.64	ug/L	
62-53-3	Aniline			not detected	NLE	0.78	ug/L	
108-95-2	Phenol			not detected	4000	0.65	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.80	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.76	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene	10.96	31045	1.18 ug/L	75	0.95	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.17	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.96	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.09	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.81	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.84	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.96	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.27	ug/L	
78-59-1	Isophorone			not detected	100	0.88	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.93	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.04	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.05	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.11	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.06	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.77	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	1.16	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.92	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.11	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.26	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.99	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.01	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.10	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.95	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.09	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.93	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.98	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.85	ug/L	
83-32-9	Acenaphthene	18.21	54198	1.30 ug/L	400	1.02	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.97	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.06	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA06770.D**	Sample Name	**2022211**
Operator	**BPatel**	Misc Info	**M3MW11**
Date Acquired	**4-May-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.16	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.10	ug/L	
86-73-7	Fluorene	19.46	54326	1.14 ug/L	300	0.84	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.92	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.92	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.06	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.10	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.06	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.87	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.08	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.41	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.08	ug/L	
120-12-7	Anthracene			not detected	2000	0.93	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.90	ug/L	
92-87-5	Benzidine			not detected	50	1.81	ug/L	
129-00-0	Pyrene			not detected	200	1.01	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.13	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.87	ug/L	
218-01-9	Chrysene			not detected	20	1.05	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.40	65834	1.34 ug/L	30	0.99	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.20	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.07	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.24	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.04	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.32	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M3MW11**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20222 Location: M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2022211

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA06770.D

Level: (low/med) LOW Date Received: 4/24/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 4/30/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/4/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB 4/29
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/29/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/02
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2022202
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/24/02
	Bldg. 173	**Extraction Date:**	4/29/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	FIELD BLANK
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2022203
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/24/02
	Bldg. 173	**Extraction Date:**	4/29/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	DUPE
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2022204
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/24/02
	Bldg. 173	**Extraction Date:**	4/29/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2022205
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/24/02
	Bldg. 173	**Extraction Date:**	4/29/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2022206
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/24/02
	Bldg. 173	**Extraction Date:**	4/29/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2022207
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/24/02
	Bldg. 173	**Extraction Date:**	4/29/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2022208
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/24/02
	Bldg. 173	**Extraction Date:**	4/29/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2022209
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/24/02
	Bldg. 173	**Extraction Date:**	4/29/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2022210
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/24/02
	Bldg. 173	**Extraction Date:**	4/29/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2022211
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/24/02
	Bldg. 173	**Extraction Date:**	4/29/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation 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 #:
Sample Prepared: 04/30/02

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	05/02/02	88.9	200	10.0
Antimony	05/02/02	3.25	20	2.0
Arsenic	05/02/02	ND	8	2.0
Barium	05/02/02	1.62	2000	0.5
Beryllium	05/02/02	ND	20	0.5
Cadmium	05/02/02	ND	4	0.5
Calcium	05/02/02	262	NLE	20.0
Chromium	05/02/02	ND	100	0.5
Cobalt	05/02/02	ND	NLE	0.5
Copper	05/02/02	ND	1000	2.0
Iron	05/02/02	138	300	10.0
Lead	05/02/02	1.31	10	1.0
Magnesium	05/02/02	ND	NLE	10.0
Manganese	05/02/02	6.20	50	0.5
Mercury	05/03/02	ND	2	0.1
Nickel	05/02/02	ND	100	1.0
Potassium	05/02/02	1840	NLE	40.0
Selenium	05/02/02	ND	50	3.0
Silver	05/02/02	ND	20	1.0
Sodium	05/02/02	ND	50000	20.0
Thallium	05/02/02	ND	10	2.0
Vanadium	05/02/02	ND	NLE	0.5
Zinc	05/02/02	21.3	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2022202
Sample Received: 04/24/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	05/02/02	ND	200	10.0
Antimony	05/02/02	ND	20	2.0
Arsenic	05/02/02	ND	8	2.0
Barium	05/02/02	4.17	2000	0.5
Beryllium	05/02/02	ND	20	0.5
Cadmium	05/02/02	ND	4	0.5
Calcium	05/02/02	72.3	NLE	20.0
Chromium	05/02/02	ND	100	0.5
Cobalt	05/02/02	ND	NLE	0.5
Copper	05/02/02	ND	1000	2.0
Iron	05/02/02	27.8	300	2.0
Lead	05/02/02	1.12	10	1.0
Magnesium	05/02/02	ND	NLE	10.0
Manganese	05/02/02	2.10	50	0.5
Mercury	05/03/02	ND	2	0.1
Nickel	05/02/02	ND	100	1.0
Potassium	05/02/02	1040	NLE	40.0
Selenium	05/02/02	3.42	50	3.0
Silver	05/02/02	ND	20	1.0
Sodium	05/02/02	ND	50000	20.0
Thallium	05/02/02	ND	10	2.0
Vanadium	05/02/02	ND	NLE	0.5
Zinc	05/02/02	ND	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2022203
Sample Received: 04/24/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	05/02/02	ND	200	10.0
Antimony	05/02/02	ND	20	2.0
Arsenic	05/02/02	ND	8	2.0
Barium	05/02/02	83.5	2000	0.5
Beryllium	05/02/02	ND	20	0.5
Cadmium	05/02/02	ND	4	0.5
Calcium	05/02/02	178000	NLE	20.0
Chromium	05/02/02	0.909	100	0.5
Cobalt	05/02/02	3.22	NLE	0.5
Copper	05/02/02	4.22	1000	2.0
Iron	05/02/02	13900	300	10.0
Lead	05/02/02	1.39	10	1.0
Magnesium	05/02/02	37600	NLE	10.0
Manganese	05/02/02	895	50	0.5
Mercury	05/03/02	ND	2	0.1
Nickel	05/02/02	41.3	100	1.0
Potassium	05/02/02	10000	NLE	40.0
Selenium	05/02/02	9.54	50	3.0
Silver	05/02/02	ND	20	1.0
Sodium	05/02/02	36800	50000	20.0
Thallium	05/02/02	ND	10	2.0
Vanadium	05/02/02	1.17	NLE	0.5
Zinc	05/02/02	1440	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2022204
Sample Received: 04/24/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	05/02/02	57.2	200	10.0
Antimony	05/02/02	3.80	20	2.0
Arsenic	05/02/02	ND	8	2.0
Barium	05/02/02	166	2000	0.5
Beryllium	05/02/02	ND	20	0.5
Cadmium	05/02/02	3.95	4	0.5
Calcium	05/02/02	68400	NLE	20.0
Chromium	05/02/02	1.22	100	0.5
Cobalt	05/02/02	7.34	NLE	0.5
Copper	05/02/02	ND	1000	2.0
Iron	05/02/02	262	300	10.0
Lead	05/02/02	ND	10	1.0
Magnesium	05/02/02	10100	NLE	10.0
Manganese	05/02/02	71.2	50	0.5
Mercury	05/03/02	0.13	2	0.1
Nickel	05/02/02	41.8	100	1.0
Potassium	05/02/02	10300	NLE	40.0
Selenium	05/02/02	ND	50	3.0
Silver	05/02/02	ND	20	1.0
Sodium	05/02/02	24600	50000	20.0
Thallium	05/02/02	ND	10	2.0
Vanadium	05/02/02	1.11	NLE	0.5
Zinc	05/02/02	41.1	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2022205
Sample Received: 04/24/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	05/02/02	ND	200	10.0
Antimony	05/02/02	ND	20	2.0
Arsenic	05/02/02	ND	8	2.0
Barium	05/02/02	627	2000	0.5
Beryllium	05/02/02	ND	20	0.5
Cadmium	05/02/02	ND	4	0.5
Calcium	05/02/02	102000	NLE	20.0
Chromium	05/02/02	ND	100	0.5
Cobalt	05/02/02	1.80	NLE	0.5
Copper	05/02/02	3.89	1000	2.0
Iron	05/02/02	77500	300	10.0
Lead	05/02/02	3.51	10	1.0
Magnesium	05/02/02	17700	NLE	10.0
Manganese	05/02/02	516	50	0.5
Mercury	05/03/02	ND	2	0.1
Nickel	05/02/02	ND	100	1.0
Potassium	05/02/02	11000	NLE	40.0
Selenium	05/02/02	ND	50	3.0
Silver	05/02/02	ND	20	1.0
Sodium	05/02/02	17200	50000	20.0
Thallium	05/02/02	ND	10	2.0
Vanadium	05/02/02	ND	NLE	0.5
Zinc	05/02/02	11.0	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2022206
Sample Received: 04/24/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	05/02/02	ND	200	10.0
Antimony	05/02/02	2.51	20	2.0
Arsenic	05/02/02	ND	8	2.0
Barium	05/02/02	87.5	2000	0.5
Beryllium	05/02/02	ND	20	0.5
Cadmium	05/02/02	ND	4	0.5
Calcium	05/02/02	184000	NLE	20.0
Chromium	05/02/02	1.34	100	0.5
Cobalt	05/02/02	3.09	NLE	0.5
Copper	05/02/02	5.80	1000	2.0
Iron	05/02/02	18500	300	10.0
Lead	05/02/02	1.89	10	1.0
Magnesium	05/02/02	38600	NLE	10.0
Manganese	05/02/02	913	50	0.5
Mercury	05/03/02	ND	2	0.1
Nickel	05/02/02	39.8	100	1.0
Potassium	05/02/02	9940	NLE	40.0
Selenium	05/02/02	4.74	50	3.0
Silver	05/02/02	ND	20	1.0
Sodium	05/02/02	35500	50000	20.0
Thallium	05/02/02	ND	10	2.0
Vanadium	05/02/02	1.63	NLE	0.5
Zinc	05/02/02	1420	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2022207
Sample Received: 04/24/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	05/02/02	734	200	10.0
Antimony	05/02/02	ND	20	2.0
Arsenic	05/02/02	ND	8	2.0
Barium	05/02/02	300	2000	0.5
Beryllium	05/02/02	ND	20	0.5
Cadmium	05/02/02	ND	4	0.5
Calcium	05/02/02	255000	NLE	20.0
Chromium	05/02/02	9.68	100	0.5
Cobalt	05/02/02	1.36	NLE	0.5
Copper	05/02/02	42.3	1000	2.0
Iron	05/02/02	13000	300	10.0
Lead	05/02/02	6.57	10	1.0
Magnesium	05/02/02	150000	NLE	10.0
Manganese	05/02/02	891	50	0.5
Mercury	05/03/02	ND	2	0.1
Nickel	05/02/02	ND	100	1.0
Potassium	05/02/02	58600	NLE	40.0
Selenium	05/02/02	17.4	50	3.0
Silver	05/02/02	ND	20	1.0
Sodium	05/02/02	871000	50000	20.0
Thallium	05/02/02	ND	10	2.0
Vanadium	05/02/02	4.93	NLE	0.5
Zinc	05/02/02	407	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2022208
Sample Received: 04/24/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	05/02/02	309	200	10.0
Antimony	05/02/02	ND	20	2.0
Arsenic	05/02/02	ND	8	2.0
Barium	05/02/02	427	2000	0.5
Beryllium	05/02/02	ND	20	0.5
Cadmium	05/02/02	ND	4	0.5
Calcium	05/02/02	157000	NLE	20.0
Chromium	05/02/02	2.27	100	0.5
Cobalt	05/02/02	1.14	NLE	0.5
Copper	05/02/02	47.3	1000	2.0
Iron	05/02/02	42500	300	10.0
Lead	05/02/02	9.72	10	1.0
Magnesium	05/02/02	44700	NLE	10.0
Manganese	05/02/02	912	50	0.5
Mercury	05/03/02	ND	2	0.1
Nickel	05/02/02	2.29	100	1.0
Potassium	05/02/02	17900	NLE	40.0
Selenium	05/02/02	9.80	50	3.0
Silver	05/02/02	ND	20	1.0
Sodium	05/02/02	324000	50000	20.0
Thallium	05/02/02	ND	10	2.0
Vanadium	05/02/02	1.25	NLE	0.5
Zinc	05/02/02	93.9	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2022209
Sample Received: 04/24/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	05/02/02	239	200	10.0
Antimony	05/02/02	ND	20	2.0
Arsenic	05/02/02	ND	8	2.0
Barium	05/02/02	376	2000	0.5
Beryllium	05/02/02	ND	20	0.5
Cadmium	05/02/02	ND	4	0.5
Calcium	05/02/02	74400	NLE	20.0
Chromium	05/02/02	1.02	100	0.5
Cobalt	05/02/02	2.34	NLE	0.5
Copper	05/02/02	5.67	1000	2.0
Iron	05/02/02	73000	300	10.0
Lead	05/02/02	8.19	10	1.0
Magnesium	05/02/02	16100	NLE	10.0
Manganese	05/02/02	566	50	0.5
Mercury	05/03/02	ND	2	0.1
Nickel	05/02/02	ND	100	1.0
Potassium	05/02/02	12300	NLE	40.0
Selenium	05/02/02	11.9	50	3.0
Silver	05/02/02	ND	20	1.0
Sodium	05/02/02	21900	50000	20.0
Thallium	05/02/02	ND	10	2.0
Vanadium	05/02/02	1.44	NLE	0.5
Zinc	05/02/02	71.9	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2022210
Sample Received: 04/24/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	05/02/02	778	200	10.0
Antimony	05/02/02	ND	20	2.0
Arsenic	05/02/02	3.37	8	2.0
Barium	05/02/02	649	2000	0.5
Beryllium	05/02/02	ND	20	0.5
Cadmium	05/02/02	ND	4	0.5
Calcium	05/02/02	111000	NLE	20.0
Chromium	05/02/02	3.88	100	0.5
Cobalt	05/02/02	2.19	NLE	0.5
Copper	05/02/02	5.34	1000	2.0
Iron	05/02/02	67900	300	10.0
Lead	05/02/02	5.17	10	1.0
Magnesium	05/02/02	17600	NLE	10.0
Manganese	05/02/02	585	50	0.5
Mercury	05/03/02	ND	2	0.1
Nickel	05/02/02	ND	100	1.0
Potassium	05/02/02	12100	NLE	40.0
Selenium	05/02/02	17.5	50	3.0
Silver	05/02/02	ND	20	1.0
Sodium	05/02/02	16100	50000	20.0
Thallium	05/02/02	ND	10	2.0
Vanadium	05/02/02	4.48	NLE	0.5
Zinc	05/02/02	40.9	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2022211
Sample Received: 04/24/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW11

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	05/02/02	545	200	10.0
Antimony	05/02/02	ND	20	2.0
Arsenic	05/02/02	2.23	8	2.0
Barium	05/02/02	423	2000	0.5
Beryllium	05/02/02	ND	20	0.5
Cadmium	05/02/02	31.7	4	0.5
Calcium	05/02/02	145000	NLE	20.0
Chromium	05/02/02	1.42	100	0.5
Cobalt	05/02/02	4.34	NLE	0.5
Copper	05/02/02	52.7	1000	2.0
Iron	05/02/02	60400	300	10.0
Lead	05/02/02	5.11	10	1.0
Magnesium	05/02/02	12300	NLE	10.0
Manganese	05/02/02	1100	50	0.5
Mercury	05/03/02	0.37	2	0.1
Nickel	05/02/02	78.1	100	1.0
Potassium	05/02/02	8360	NLE	40.0
Selenium	05/02/02	6.65	50	3.0
Silver	05/02/02	ND	20	1.0
Sodium	05/02/02	ND	50000	20.0
Thallium	05/02/02	ND	10	2.0
Vanadium	05/02/02	2.52	NLE	0.5
Zinc	05/02/02	2150	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Aluminum	Iron	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	200	300	50	10	20	2000	4	NLE	NLE	-
05/01/1997	FMETL	330	270	39	ND	-	-	-	-	-	V,S,P,M
08/07/1997	FMETL	139	140	62	0.6	-	-	-	-	-	V,S,P,M
10/16/1997	FMETL	146	2550	64	16	ND	94.5	2.8	48790	6590	V,S,P,M
02/17/1998	FMETL	430	206	56	ND	ND	84.5	2.2	26330	8530	V,S,P,M
05/05/1998	FMETL	461	433	6.6	ND	9	38	0.6	7004	7252	V,S,P,M
07/07/1998	FMETL	877	4990	39.4	ND	5.24	131	2.41	44100	8620	V,S,P,M
10/27/1998	FMETL	121	1260	41.8	ND	8.54	126	3.78	42500	6710	V,S,P,M
03/01/1999	FMETL	815	2390	27.2	2.28	3.95	91	1.91	27800	8940	V,S,P,M
06/11/1999	FMETL	244	1030	55.7	ND	ND	150	3.34	58600	9670	V,S,P,M
07/27/1999	FMETL	137	515	72.6	ND	2.41	159	4.70	66400	9170	V,S,P,M
10/26/1999	FMETL	111	2270	44.4	ND	ND	112	2.23	36900	5680	V,S,P,M
03/02/2000	FMETL	219	1390	40.8	ND	ND	137	3.10	46500	11600	V,S,P,M
03/02/2000D	FMETL	367	1910	153	ND	10.4	156	4.16	51100	21400	V,S,P,M
06/01/2000	FMETL	281	1390	22.4	2.93	3.10	71.8	0.909	28000	9760	V,S,P,M
08/28/2000	FMETL	231	3960	49.4	1.37	ND	176	3.25	55600	10300	V,S,P,M
08/28/2000D	FMETL	431	4710	48.9	1.91	ND	177	3.17	54500	10400	V,S,P,M
11/07/2000	FMETL	129	4940	54.4	ND	ND	200	2.81	48900	10300	V,S,P,M
02/14/2001	FMETL	148	2990	42.1	ND	ND	127	ND	40000	9910	V,S,P,M
02/14/2001D	FMETL	177	5310	44.0	ND	ND	133	ND	41500	9970	V,S,P,M
05/17/2001	FMETL	253	2370	12.5	ND	ND	54.0	0.990	13700	6960	V,S,P,M
05/17/2001D	FMETL	241	2570	19.0	ND	ND	75.7	1.42	19800	7440	V,S,P,M
09/06/2001	FMETL	ND	4370	61.8	2.20	ND	165	2.41	52600	9190	V,S,P,M
11/15/2001	FMETL	ND	1140	54.8	2.49	ND	109	2.67	50400	6860	V,S,P,M
11/15/2001D	FMETL	58.3	1050	54.2	2.20	ND	111	3.15	50400	6850	V,S,P,M
01/16/2002	FMETL	52.9	1120	205	ND	ND	153	3.75	63300	10100	V,S,P,M
04/24/2002	FMETL	57.2	262	71.2	ND	3.80	166	3.95	68400	10100	V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 04/24/2002

NOTES:

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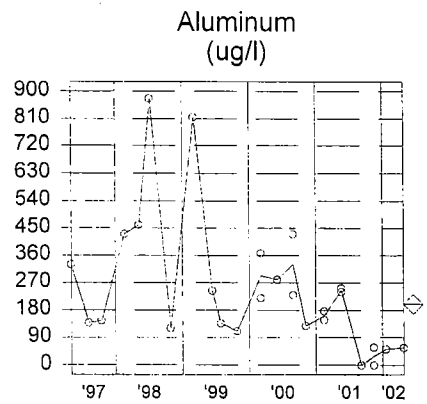
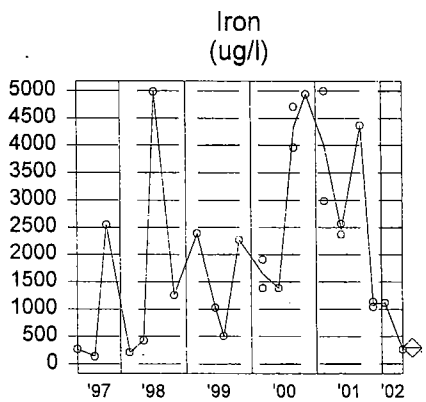
FORT MONMOUTH

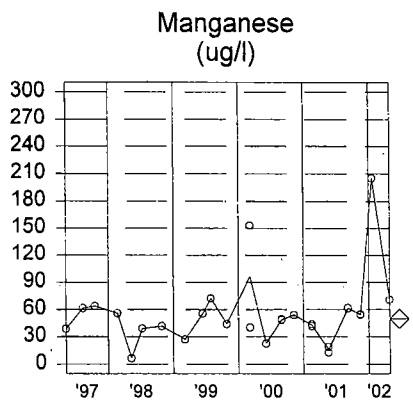
GW MONITORING
M-3

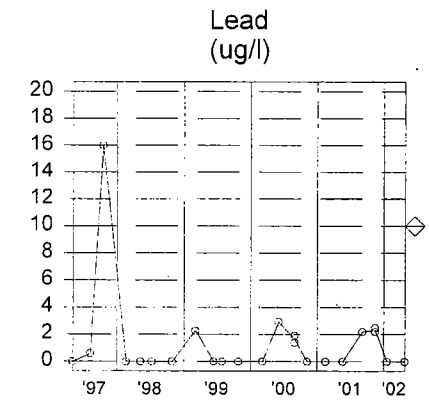
Source 1 of 8

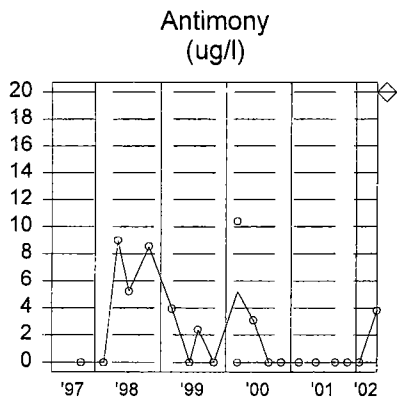
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

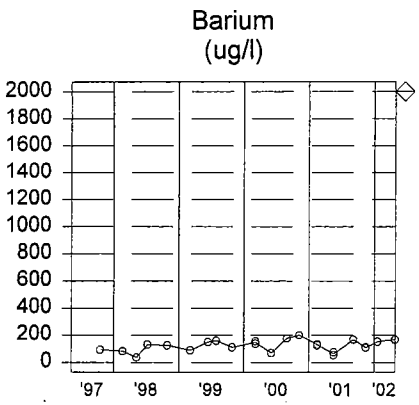


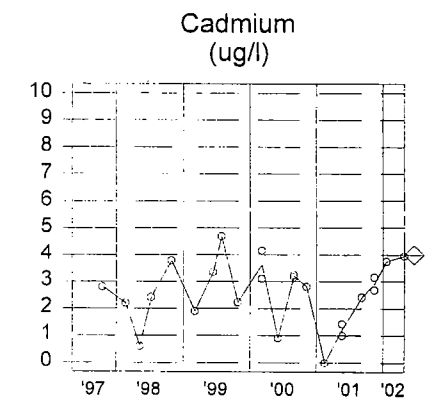


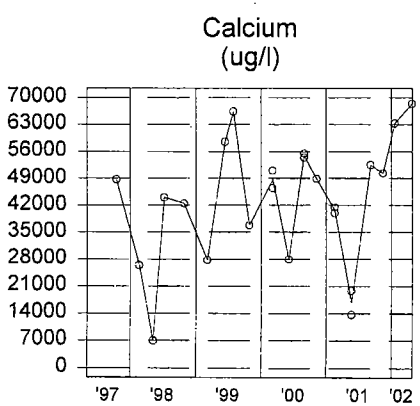


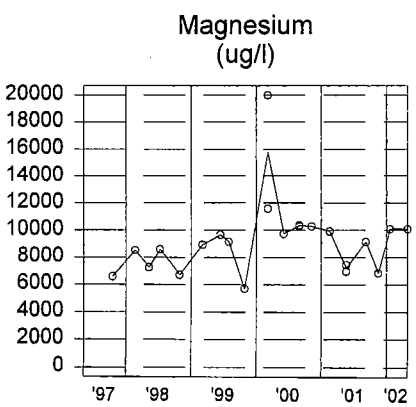












SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 04/24/2002

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

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	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
05/01/1997	FMETL	-	-	-	-	10.55					V,S,P,M
08/07/1997	FMETL	-	-	-	-	13.30					V,S,P,M
10/16/1997	FMETL	25.3	8040	18650	124	14.10					V,S,P,M
02/17/1998	FMETL	36	5700	16740	88	8.80					V,S,P,M
05/05/1998	FMETL	19.9	3590	13730	89.8	9.40					V,S,P,M
07/07/1998	FMETL	46	11000	19200	129	12.26					V,S,P,M
10/27/1998	FMETL	41.6	10500	16200	46	14.51					V,S,P,M
03/01/1999	FMETL	34.1	5920	21400	106	11.25					V,S,P,M
06/11/1999	FMETL	48.9	9210	27300	60.5	13.21					V,S,P,M
07/27/1999	FMETL	38.8	9770	23100	56.7	13.96					V,S,P,M
10/26/1999	FMETL	28.2	6850	21400	27.6	13.41					V,S,P,M
03/02/2000	FMETL	66.5	6880	29600	173	11.95					V,S,P,M
03/02/2000D	FMETL	73.5	7560	32900	159	11.95					V,S,P,M
06/01/2000	FMETL	53.5	4950	25800	124	11.92					V,S,P,M
08/28/2000	FMETL	50.8	8610	28500	94.1	11.89					V,S,P,M
08/28/2000D	FMETL	51.9	8550	29000	97.3	11.89					V,S,P,M
11/07/2000	FMETL	69.7	8230	30300	91.5	12.91					V,S,P,M
02/14/2001	FMETL	37.0	5950	21400	68.4	9.93					V,S,P,M
02/14/2001D	FMETL	38.1	6140	21600	70.9	9.93					V,S,P,M
05/17/2001	FMETL	25.9	3100	18600	83.2	11.52					V,S,P,M
05/17/2001D	FMETL	30.8	3850	19400	85.7	11.52					V,S,P,M
09/06/2001	FMETL	51.7	8490	24600	70.1	13.77					V,S,P,M
11/15/2001	FMETL	22.7	8200	19900	27.0	14.45					V,S,P,M
11/15/2001D	FMETL	21.2	8460	18900	32.7	14.45					V,S,P,M
01/16/2002	FMETL	38.0	11800	32700	51.4	14.60					V,S,P,M
04/24/2002	FMETL	41.8	10300	24600	41.1	12.79					V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 04/24/2002

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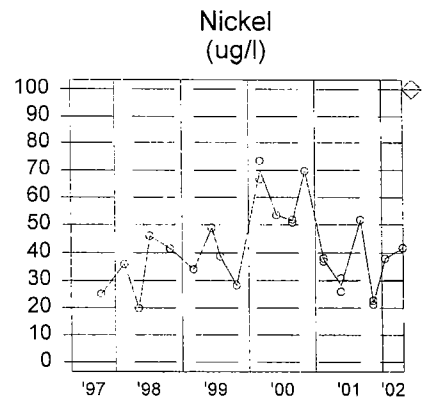
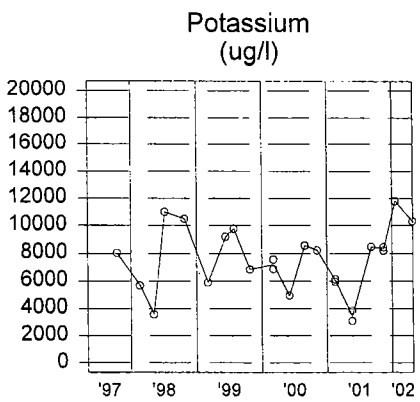
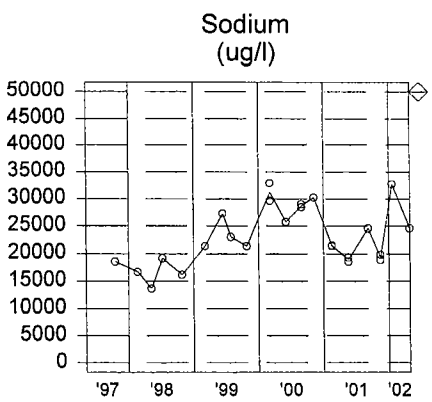
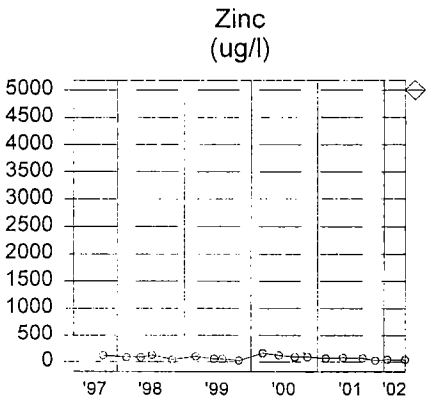
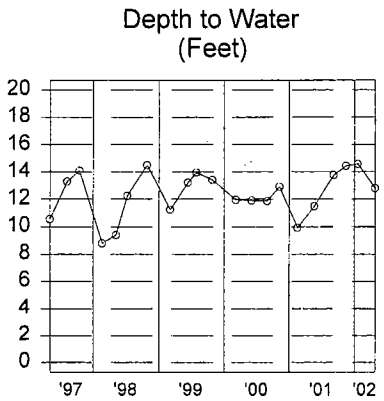
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 00M3MW04

Sampling Dates:
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NJDEP Criteria

FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Chloro benzene	2-Methyl naphtha lene	Acenaph thene	Fluorene	Phen anthrene	bis(2-Ethyl hexyl) phthalate	Aluminum	Iron	Lead	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	NLE	400	300	NLE	30	200	300	10	-
05/01/1997	FMETL	3.82	1.64	1.31	1.03	1.35	ND	27	73000	ND	V,S,P,M
08/07/1997	FMETL	7.28	1.82	1.31	ND	1.08	ND	182	187600	20.5	V,S,P,M
10/16/1997	FMETL	6.70	2.08	1.70	1.13	1.57	ND	ND	ND	ND	V,S,P,M
02/17/1998	FMETL	4.66	1.33	1.78	1.13	1.40	ND	149	70470	6.0	V,S,P,M
05/05/1998	FMETL	7.33	ND	ND	ND	ND	ND	ND	84560	ND	V,S,P,M
07/07/1998	FMETL	9.23	1.80	1.52	1.06	1.01	ND	22.3	65400	4.54	V,S,P,M
10/27/1998	FMETL	5.05	ND	ND	ND	2.32	ND	ND	67300	ND	V,S,P,M
03/01/1999	FMETL	5.19	1.57	2.44	ND	2.27	ND	13.4	75500	3.15	V,S,P,M
06/11/1999	FMETL	5.60	ND	1.04	ND	1.13	ND	ND	70000	ND	V,S,P,M
07/27/1999	FMETL	5.21	1.49	1.47	ND	ND	ND	15.0	76500	ND	V,S,P,M
10/26/1999	FMETL	5.39	2.00	2.20	1.65	2.14	ND	31	66500	ND	V,S,P,M
03/02/2000	FMETL	4.09	1.29	1.74	1.29	1.45	4.03	16.3	74000	ND	V,S,P,M
06/01/2000	FMETL	4.32	1.27	1.63	1.20	1.30	3.89	13.2	73900	ND	V,S,P,M
08/28/2000	FMETL	5.72	1.54	1.92	1.40	ND	3.79	101	69900	1.98	V,S,P,M
11/07/2000	FMETL	5.41	1.40	1.47	1.03	ND	3.12	ND	67700	ND	V,S,P,M
02/14/2001	FMETL	3.33	ND	ND	ND	ND	1.48	ND	66300	ND	V,S,P,M
05/17/2001	FMETL	4.94	ND	1.52	1.03	ND	2.58	21.5	62100	6.33	V,S,P,M
09/06/2001	FMETL	5.88	1.39	1.72	1.03	ND	2.85	ND	68800	5.83	V,S,P,M
11/15/2001	FMETL	4.00	ND	ND	ND	ND	1.18	ND	75800	9.87	V,S,P,M
01/16/2002	FMETL	3.69	ND	1.16	ND	ND	2.81	ND	78400	4.05	V,S,P,M
04/24/2002	FMETL	4.14	ND	1.36	ND	ND	3.12	ND	77500	3.51	V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
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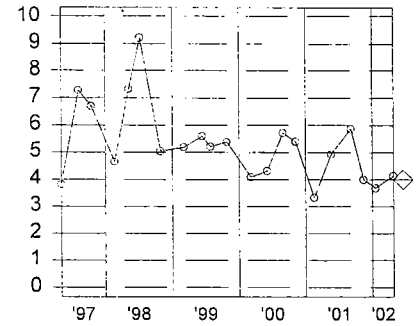
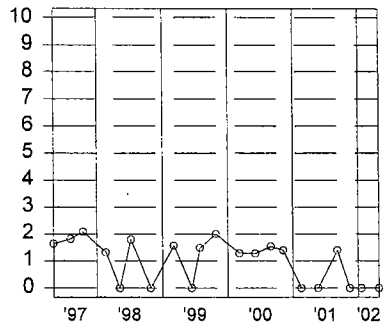
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

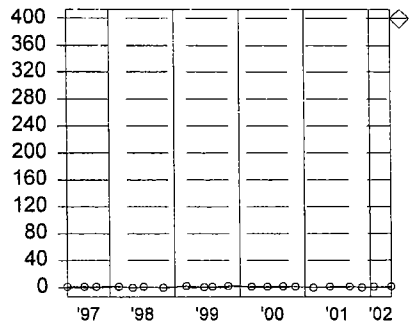
Chlorobenzene
(ug/l)



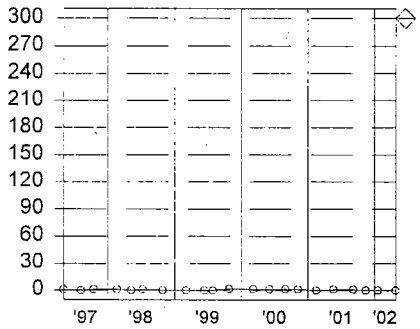
2-methylnaphthalene
(ug/l)



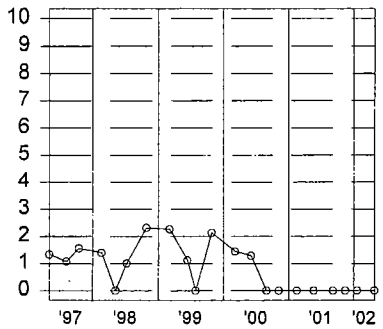
Acenaphthene
(ug/l)



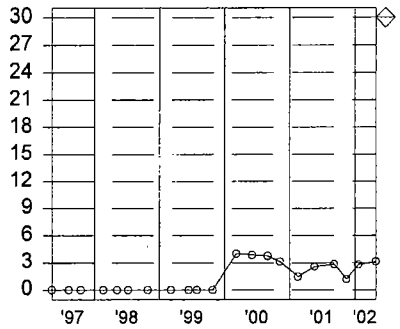
Fluorene
(ug/l)



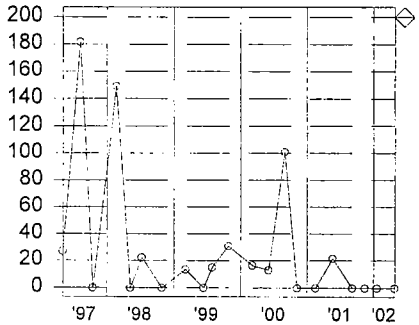
Phenanthrene
(ug/l)



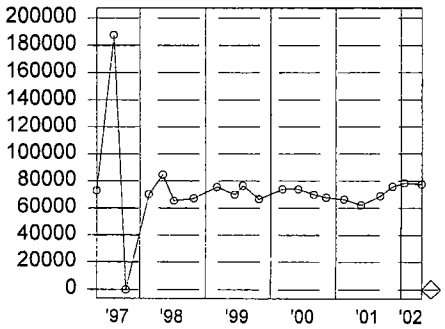
bis(2-Ethylhexyl)phthalate
(ug/l)



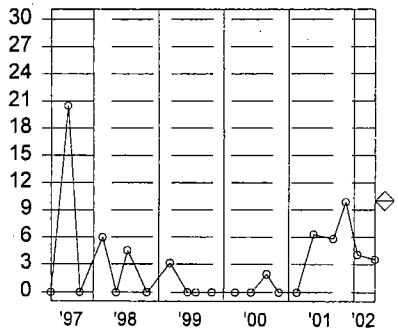
Aluminum
(ug/l)



Iron
(ug/l)



Lead
(ug/l)



SOURCE: 00M3MW05

Sampling Dates:
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NJDEP Criteria

FORT MONMOUTH

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FORT MONMOUTH
SELFM-PW-EV

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
05/01/1997	FMETL	-	-	-	-	-	-	-	-	7.90	V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	-	-	8.85	V,S,P,M
10/16/1997	FMETL	627.3	ND	90160	14600	1.1	12350	17370	44	9.10	V,S,P,M
02/17/1998	FMETL	664	ND	96030	15840	5.7	13960	16070	ND	7.70	V,S,P,M
05/05/1998	FMETL	637	ND	89180	14300	1.4	15490	16640	2.2	7.76	V,S,P,M
07/07/1998	FMETL	555	1.2	90100	13800	ND	15100	9510	18.8	8.66	V,S,P,M
10/27/1998	FMETL	636	ND	88000	14000	0.87	14100	11800	ND	9.64	V,S,P,M
03/01/1999	FMETL	638	ND	97800	15800	1.69	11400	17300	3.68	8.47	V,S,P,M
06/11/1999	FMETL	566	4.38	89600	14700	11000	10800	16800	ND	9.13	V,S,P,M
07/27/1999	FMETL	655	1.21	90500	15000	2.15	10900	18000	13.7	9.49	V,S,P,M
10/26/1999	FMETL	625	ND	85700	13900	1.0	10800	15800	5.69	8.77	V,S,P,M
03/02/2000	FMETL	647	ND	95000	15700	0.912	10800	15500	17	8.45	V,S,P,M
06/01/2000	FMETL	693	ND	98200	16600	10.9	10700	15000	13.2	8.53	V,S,P,M
08/28/2000	FMETL	630	ND	94800	15800	ND	11900	15600	23.8	8.31	V,S,P,M
11/07/2000	FMETL	686	ND	91500	15300	ND	10500	16100	21.3	9.00	V,S,P,M
02/14/2001	FMETL	639	0.81	99300	17300	ND	10700	16200	5.86	7.14	V,S,P,M
05/17/2001	FMETL	557	3.62	89700	15600	1.94	9670	14700	15.5	8.68	V,S,P,M
09/06/2001	FMETL	663	2.01	89700	15200	ND	9840	16100	12.7	9.32	V,S,P,M
11/15/2001	FMETL	650	1.70	90800	15400	ND	10400	18800	30.1	9.69	V,S,P,M
01/16/2002	FMETL	673	1.49	95300	16600	ND	11300	21000	49.4	9.21	V,S,P,M
04/24/2002	FMETL	627	ND	102000	17700	ND	11000	17200	11.0	8.75	V,S,P,M

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FORT MONMOUTH

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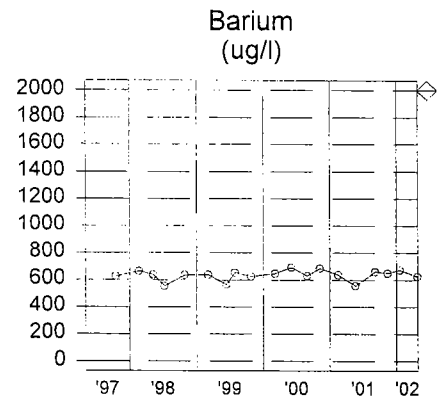
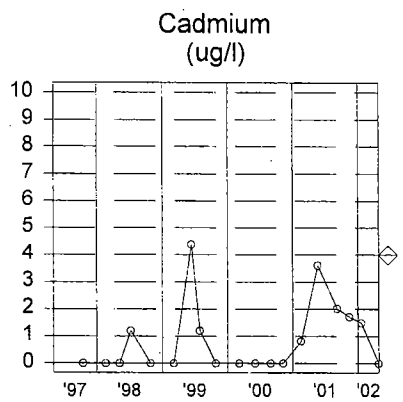
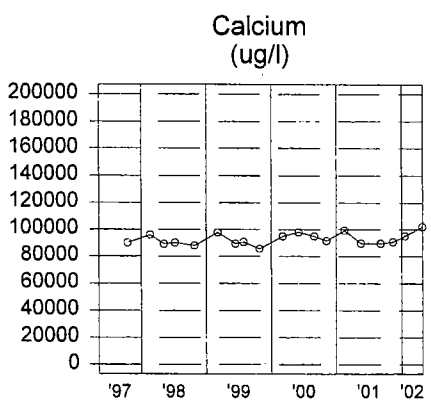
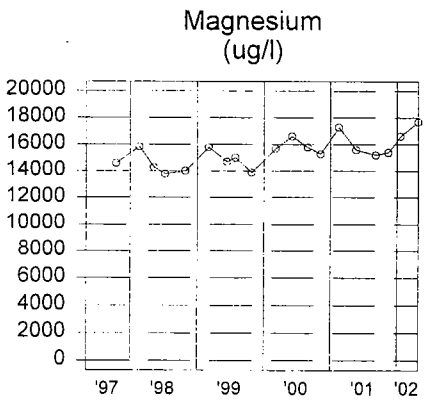
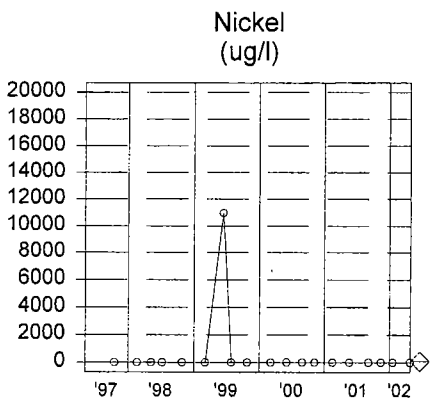
SELFM-PW-EV

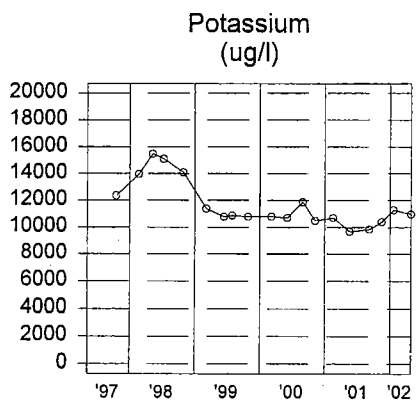


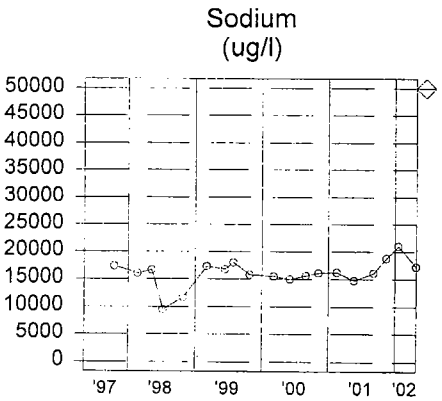


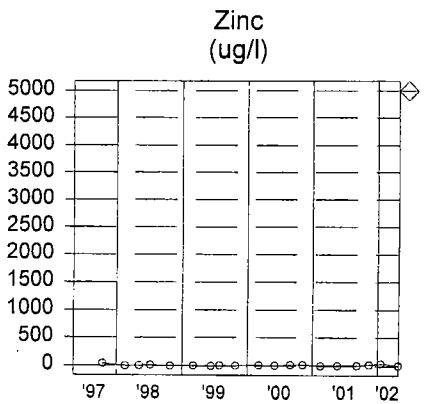


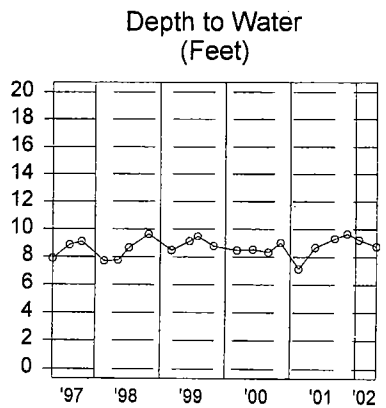












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NJDEP Criteria

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FORT MONMOUTH
SELFM-PW-EV

05-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Chloro benzene	Benzene	Aluminum	Iron	Manganese	Lead	Antimony	Barium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	1	200	300	50	10	20	2000	NLE	-
05/01/1997	FMETL	ND	5.35	70	10500	320	ND	-	-	-	V,S,P,M
08/07/1997	FMETL	2.65	ND	61	31020	565	1.4	-	-	-	V,S,P,M
10/16/1997	FMETL	4.41	ND	142	37600	623	8.0	ND	57.2	69170	V,S,P,M
02/17/1998	FMETL	ND	ND	113	10740	639	ND	4	66	94830	V,S,P,M
05/05/1998	FMETL	ND	0.94	49	6992	362	ND	5.4	40	74040	V,S,P,M
07/07/1998	FMETL	2.65	3.10	92.2	20900	555	ND	2.9	73.6	126000	V,S,P,M
10/27/1998	FMETL	5.34	ND	166	26800	449	ND	5.31	29.7	38600	V,S,P,M
03/01/1999	FMETL	1.93	ND	182	35500	1010	4.01	4.8	149	159000	V,S,P,M
06/11/1999	FMETL	ND	ND	15.9	23500	687	ND	ND	114	119000	V,S,P,M
07/27/1999	FMETL	4.59	ND	1480	43900	785	3.08	ND	76.2	63900	V,S,P,M
10/26/1999	FMETL	2.16	ND	37.9	12900	711	ND	2.3	138	165000	V,S,P,M
03/02/2000	FMETL	1.90	ND	ND	20800	903	ND	ND	133	184000	V,S,P,M
06/01/2000	FMETL	2.05	1.44	ND	22300	877	ND	2.29	153	173000	V,S,P,M
08/28/2000	FMETL	3.18	ND	141	19400	676	2.56	3.66	111	124000	V,S,P,M
11/07/2000	FMETL	2.52	ND	ND	13600	534	ND	ND	114	115000	V,S,P,M
02/14/2001	FMETL	1.65	ND	ND	13600	623	ND	2.32	64.1	107000	V,S,P,M
05/17/2001	FMETL	2.25	2.60	16.9	12200	517	ND	ND	56.1	87100	V,S,P,M
09/06/2001	FMETL	2.98	ND	ND	13400	391	1.36	ND	31.5	59200	V,S,P,M
11/15/2001	FMETL	5.24	ND	ND	46500	902	3.35	ND	86.4	130000	V,S,P,M
01/16/2002	FMETL	3.09	ND	ND	25200	989	ND	ND	103	167000	V,S,P,M
04/24/2002	FMETL	1.47	ND	ND	18500	913	1.89	2.51	87.5	184000	V,S,P,M

SOURCE: 00M3MW06

Sampling Dates:
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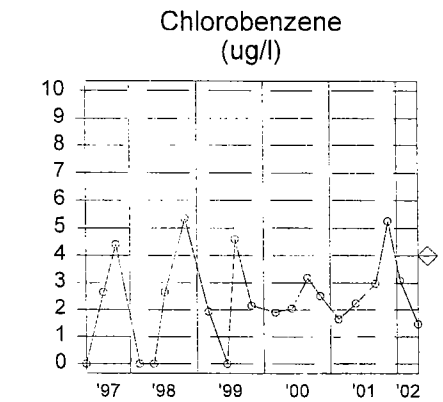

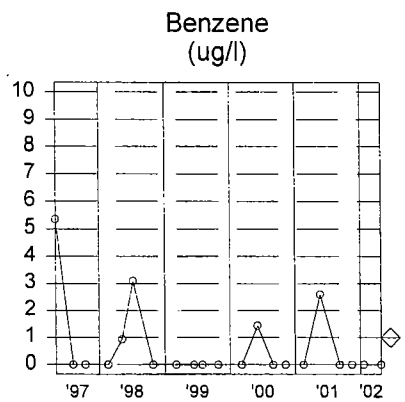

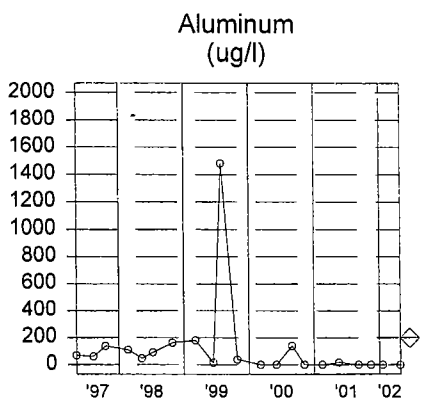

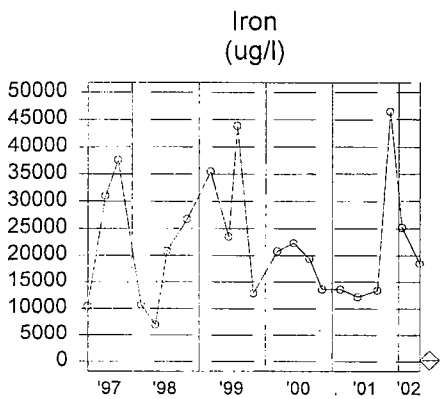

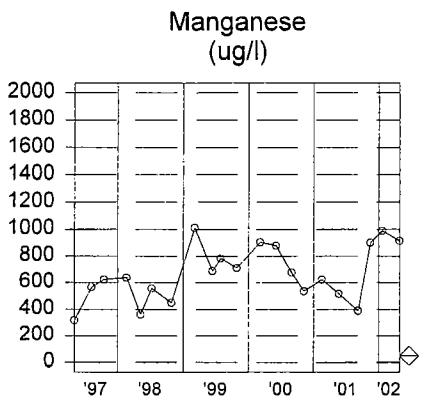

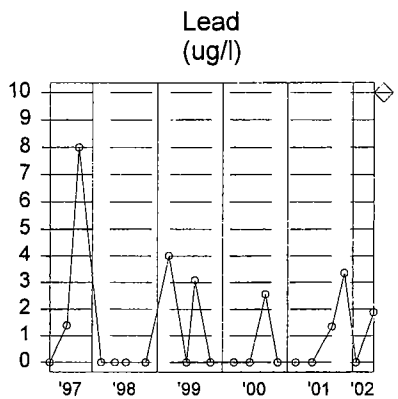

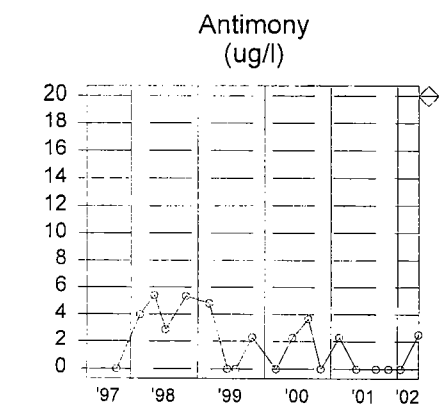

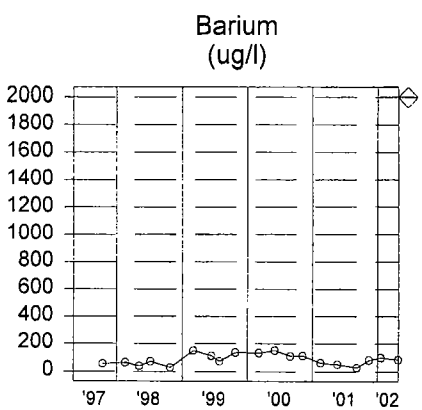

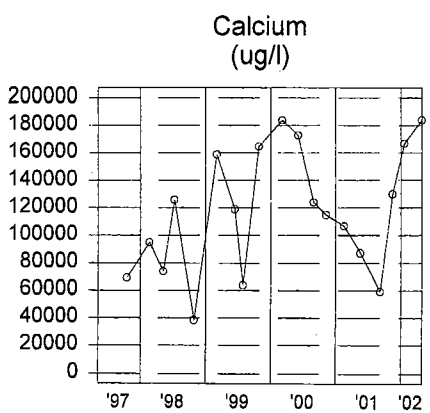

SOURCE: 00M3MW06

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SELFM-PW-EV

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	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
05/01/1997	FMETL	-	-	-	-	-	8.00				V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	9.05				V,S,P,M
10/16/1997	FMETL	19300	2.3	8720	ND	68	9.30				V,S,P,M
02/17/1998	FMETL	22740	18	10450	40910	302	7.85				V,S,P,M
05/05/1998	FMETL	16680	10	9163	25680	150	7.90				V,S,P,M
07/07/1998	FMETL	29200	0.579	12600	15100	40.5	8.60				V,S,P,M
10/27/1998	FMETL	12200	3.8	8430	18200	80	9.61				V,S,P,M
03/01/1999	FMETL	33300	18.9	10800	26200	467	8.78				V,S,P,M
06/11/1999	FMETL	28300	3.55	10700	21500	44.9	9.05				V,S,P,M
07/27/1999	FMETL	19000	6.40	9810	25600	164	9.57				V,S,P,M
10/26/1999	FMETL	34300	27.5	11900	37400	416	8.07				V,S,P,M
03/02/2000	FMETL	36700	10.4	10300	17600	177	8.30				V,S,P,M
06/01/2000	FMETL	38300	11.8	10600	15200	55.4	8.44				V,S,P,M
08/28/2000	FMETL	31200	ND	9570	24100	78.6	8.24				V,S,P,M
11/07/2000	FMETL	26600	ND	10600	23100	47.5	8.56				V,S,P,M
02/14/2001	FMETL	24199	7.15	7130	13800	203	8.09				V,S,P,M
05/17/2001	FMETL	22700	4.40	7320	14100	91.7	8.43				V,S,P,M
09/06/2001	FMETL	14100	5.87	5360	15800	189	9.25				V,S,P,M
11/15/2001	FMETL	38300	17.6	11500	134000	416	9.45				V,S,P,M
01/16/2002	FMETL	37000	15.0	12000	63300	544	8.94				V,S,P,M
04/24/2002	FMETL	38600	39.8	9940	35500	1420	8.38				V,S,P,M

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Sampling Dates:
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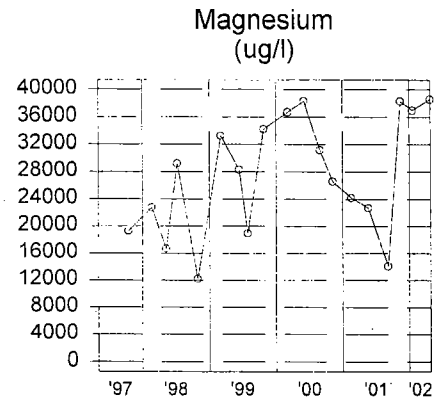

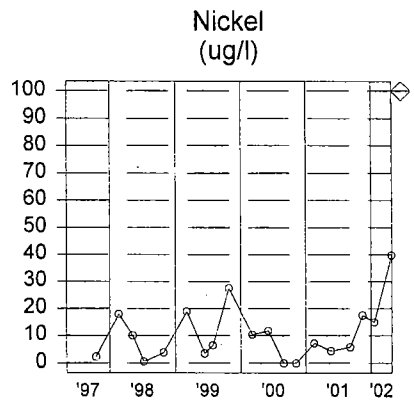

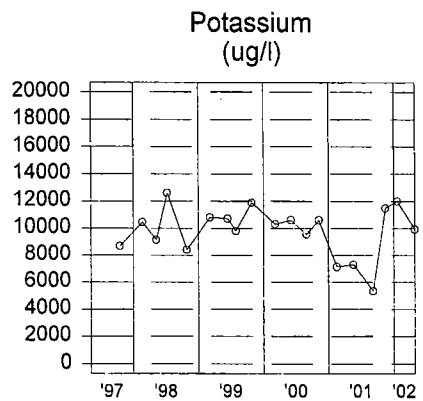

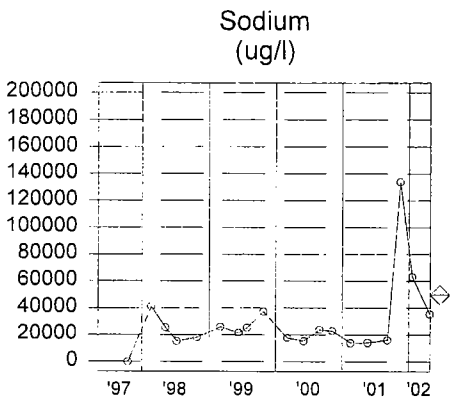

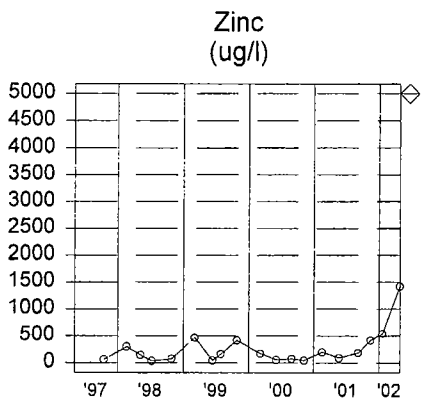

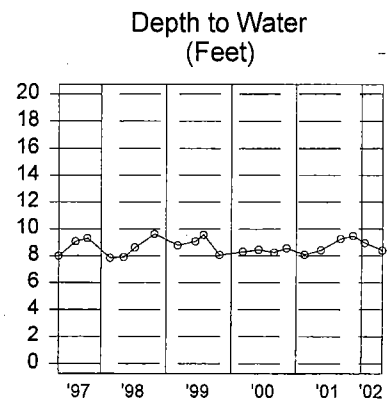

SOURCE: 00M3MW06

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FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Vinyl chloride	csi-1,2-Dichloro ethene	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	5	10	200	300	50	10	2000	4	NLE	-
10/07/1998	FMETL	ND	ND	4810	41900	710	23	126	ND	106000	V,S,P,M
10/23/1998	FMETL	8.93	3.58	1820	56700	1200	6.23	235	ND	204000	V,S,P,M
03/01/1999	FMETL	2.76	4.05	2350	78400	1080	13.7	516	2	251000	V,S,P,M
06/11/1999	FMETL	ND	ND	2990	34500	823	8.33	372	4.25	252000	V,S,P,M
07/27/1999	FMETL	4.22	2.61	1480	36900	998	5.66	492	4.99	292000	V,S,P,M
10/26/1999	FMETL	ND	ND	2490	35100	1060	7.59	807	7.55	398000	V,S,P,M
03/02/2000	FMETL	ND	ND	3400	36600	817	8.94	580	2.58	271000	V,S,P,M
06/01/2000	FMETL	ND	ND	362	17500	650	3.75	280	1.38	210000	V,S,P,M
08/28/2000	FMETL	ND	1.80	333	20500	949	1.25	336	0.691	213000	V,S,P,M
11/07/2000	FMETL	17.64	15.81	745	21300	898	18.0	303	2.07	186000	V,S,P,M
11/07/2000D	FMETL	17.69	15.47	685	21200	903	1.96	302	1.55	192000	V,S,P,M
02/14/2001	FMETL	4.22	3.75	67.6	17100	697	ND	221	ND	164000	V,S,P,M
05/17/2001	FMETL	5.20	2.29	258	9680	811	7.12	135	1.68	149000	V,S,P,M
09/06/2001	FMETL	19.03	35.99	328	16800	651	14.1	155	ND	130000	V,S,P,M
11/15/2001	FMETL	7.58	9.62	ND	17500	1290	5.46	442	ND	304000	V,S,P,M
01/16/2002	FMETL	5.36	2.14	628	31300	1240	8.11	870	1.46	381000	V,S,P,M
04/24/2002	FMETL	ND	17.06	734	13000	891	6.57	300	ND	255000	V,S,P,M

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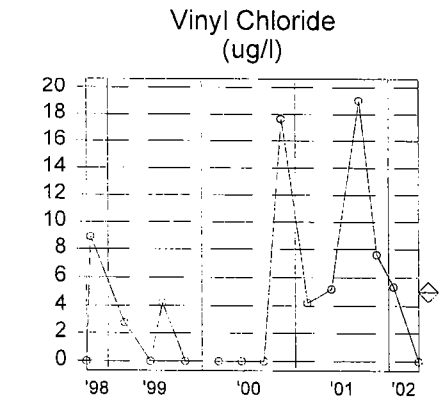

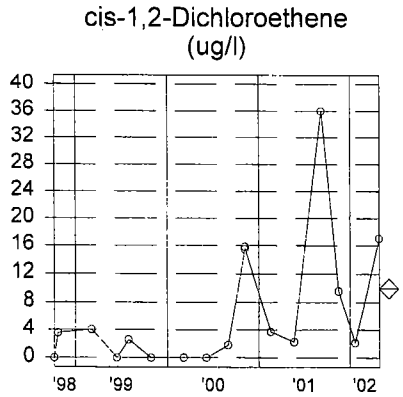

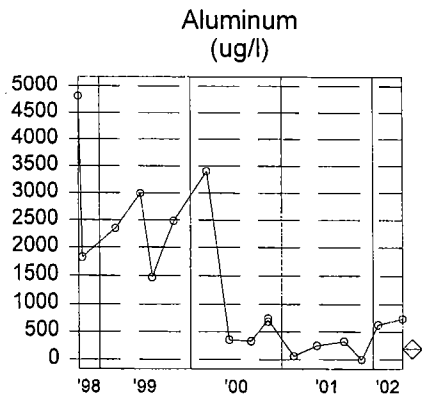

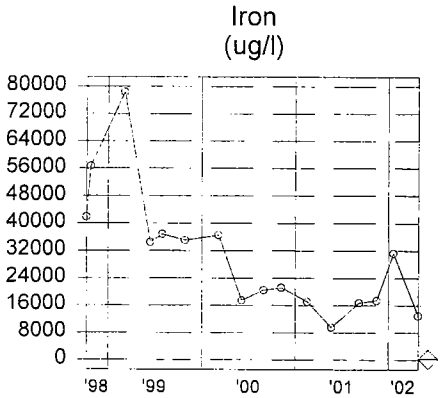

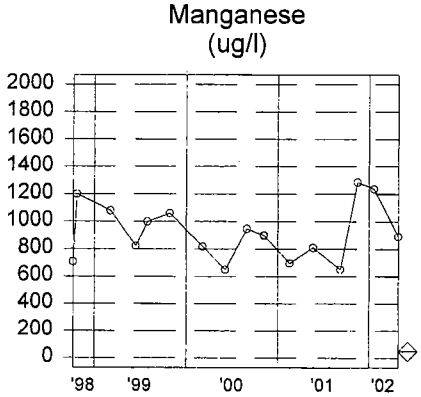

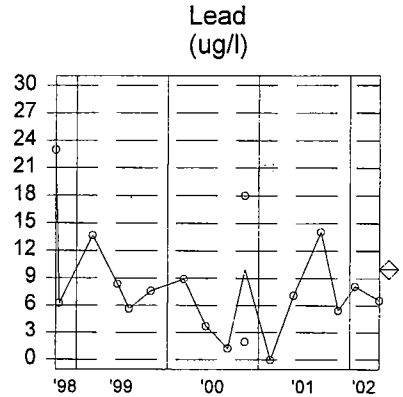

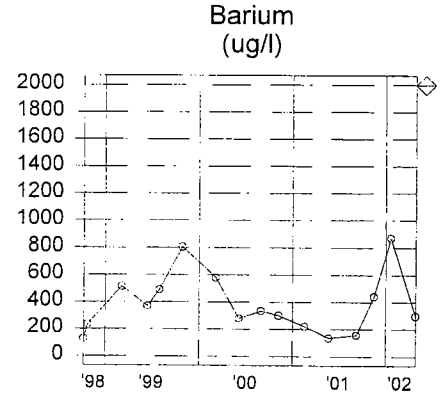

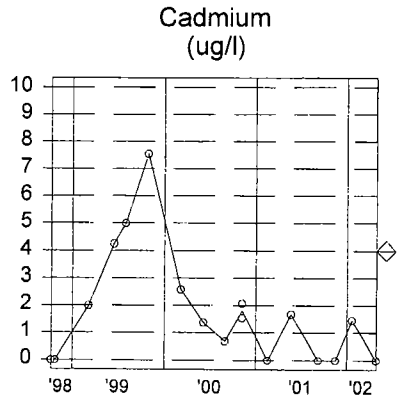

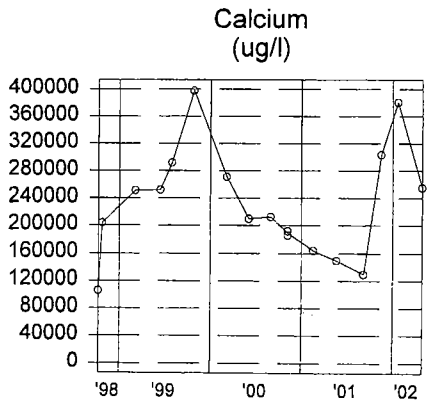

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05-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/07/1998	FMETL	91100	5.7	40900	579000	125	9.67				V,S,P,M
10/23/1998	FMETL	165000	1.32	64200	1300000	28.1	10.46				V,S,P,M
03/01/1999	FMETL	113000	5.98	36400	858000	1090	8.72				V,S,P,M
06/11/1999	FMETL	101000	2.36	33900	709000	571	9.47				V,S,P,M
07/27/1999	FMETL	156000	4.74	48500	1050000	273	10.39				V,S,P,M
10/26/1999	FMETL	261000	4.06	99900	1800000	723	10.35				V,S,P,M
03/02/2000	FMETL	136000	8.92	57000	1070000	817	9.56				V,S,P,M
06/01/2000	FMETL	90300	8.86	32200	630000	341	9.24				V,S,P,M
08/28/2000	FMETL	116000	ND	38000	1010000	222	9.17				V,S,P,M
11/07/2000	FMETL	101000	1.14	42400	828000	571	9.61				V,S,P,M
11/07/2000D	FMETL	106000	ND	41100	863000	348	9.61				V,S,P,M
02/14/2001	FMETL	77700	ND	25800	468000	89.3	10.03				V,S,P,M
05/17/2001	FMETL	49900	1.46	17900	254000	288	10.29				V,S,P,M
09/06/2001	FMETL	67600	10.9	27500	382000	524	10.45				V,S,P,M
11/15/2001	FMETL	220000	ND	75400	1720000	347	9.98				V,S,P,M
01/16/2002	FMETL	355000	2.54	132000	2930000	780	10.33				V,S,P,M
04/24/2002	FMETL	150000	ND	58600	871000	407	9.01				V,S,P,M

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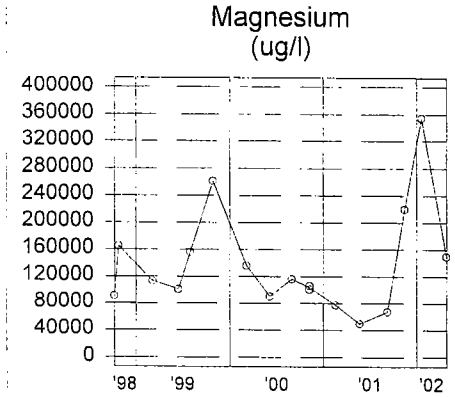

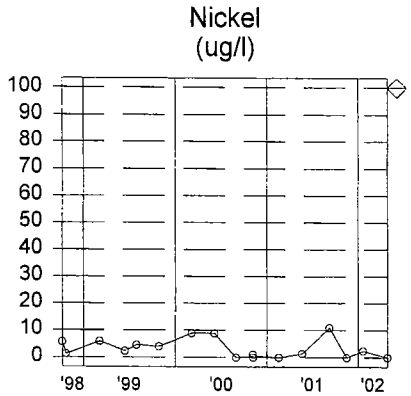

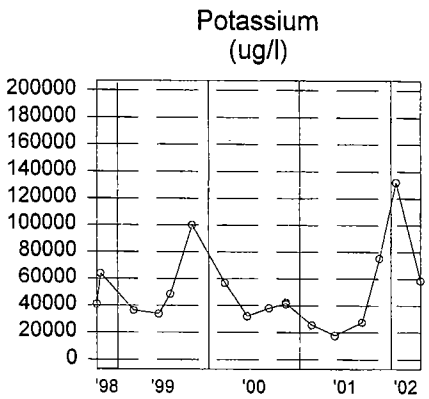

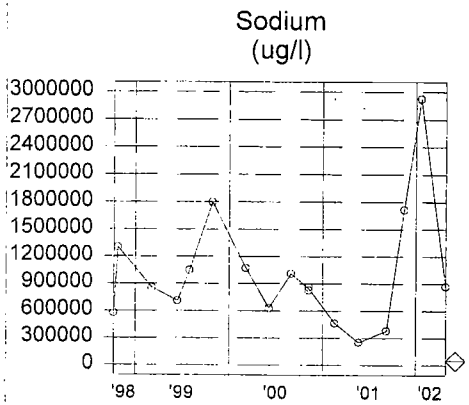

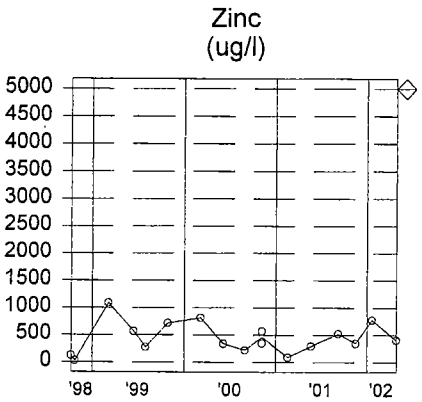

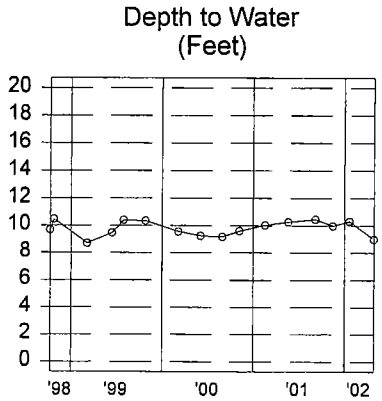

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10/07/1998 - 04/24/2002

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○ = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 4 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Chloro benzene	bis(2-Ethyl hexyl) phthalate	Aluminum	Iron	Manganese	Lead	Barium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	30	200	300	50	10	2000	NLE	NLE	-
10/20/1998	FMETL	1.01	ND	235	55500	1100	5.12	429	132000	37600	V,S,P,M
11/02/1998	FMETL	1.37	ND	7030	88700	511	19.7	749	115000	19000	V,S,P,M
03/01/1999	FMETL	1.55	ND	852	54700	768	9.22	271	105000	24700	V,S,P,M
06/11/1999	FMETL	ND	ND	747	36600	645	2.53	249	88600	16900	V,S,P,M
07/27/1999	FMETL	1.59	ND	1530	44200	855	4.49	404	122000	29000	V,S,P,M
10/26/1999	FMETL	1.66	ND	347	39400	1210	2.63	559	214000	81000	V,S,P,M
03/02/2000	FMETL	1.44	2.31	395	37100	527	ND	274	87400	27400	V,S,P,M
06/01/2000	FMETL	ND	ND	119	41700	575	5.57	233	81300	19300	V,S,P,M
08/28/2000	FMETL	1.85	2.51	173	45600	722	2.29	352	100000	19200	V,S,P,M
11/07/2000	FMETL	2.08	1.91	276	54900	782	55.3	413	101000	17700	V,S,P,M
02/14/2001	FMETL	ND	ND	138	62200	629	ND	380	72600	16500	V,S,P,M
05/17/2001	FMETL	1.78	1.60	62.5	43500	616	2.57	287	70400	10900	V,S,P,M
09/06/2001	FMETL	1.65	ND	ND	48000	711	8.70	380	83200	11800	V,S,P,M
11/15/2001	FMETL	1.39	1.98	694	89700	1490	5.72	817	246000	86800	V,S,P,M
01/16/2002	FMETL	1.52	1.15	368	76400	1530	3.41	815	243000	93000	V,S,P,M
04/24/2002	FMETL	1.88	ND	309	42500	912	9.72	427	157000	44700	V,S,P,M

SOURCE: 00M3MW08

Sampling Dates:
10/20/1998 - 04/24/2002

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FORT MONMOUTH

GW MONITORING
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FORT MONMOUTH
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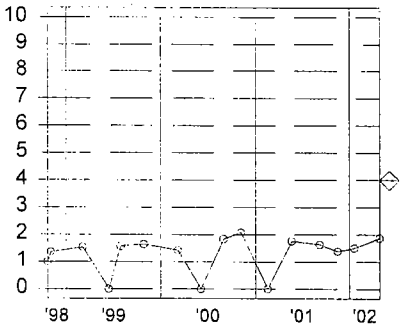
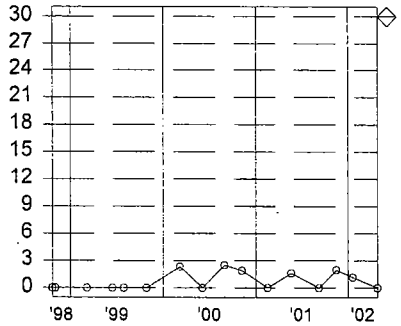
Chlorobenzene
(ug/l)



bis(2-Ethylhexyl)phthalate
(ug/l)



Aluminum
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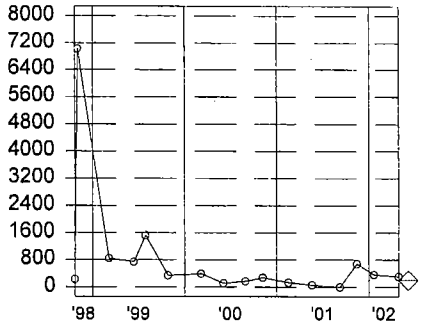
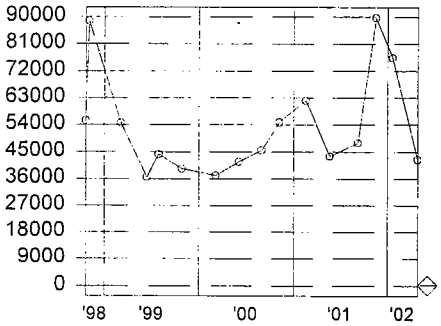


Iron
(ug/l)



Manganese
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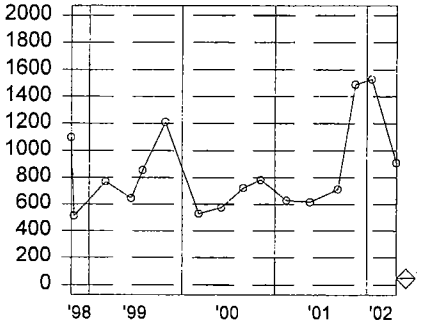
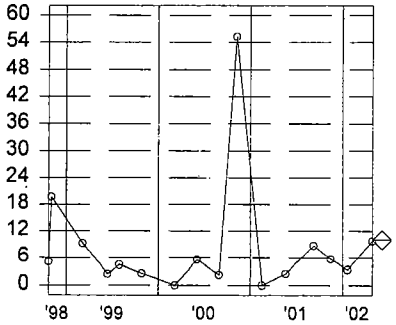
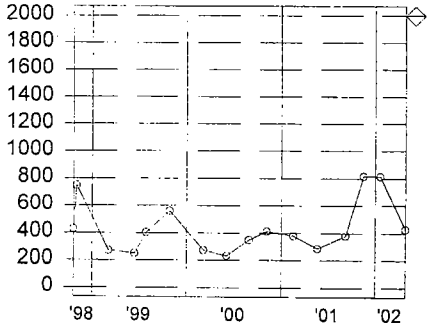


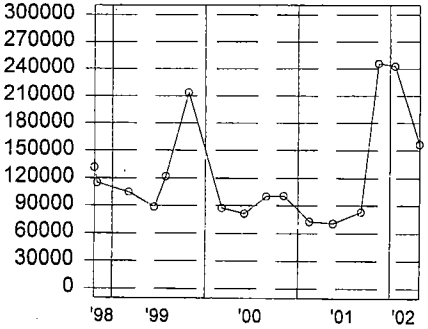
Lead
(ug/l)



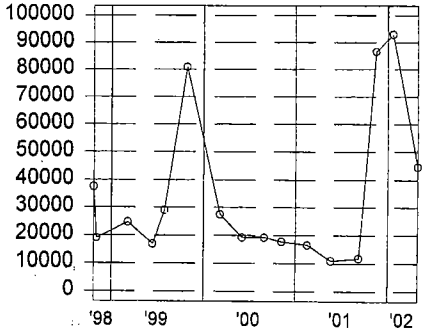
Barium
(ug/l)



Calcium
(ug/l)



Magnesium
(ug/l)



SOURCE: 00M3MW08

Sampling Dates:
10/20/1998 - 04/24/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
10/20/1998	FMETL	8.49	25900	168000	220	7.16					V,S,P,M
11/02/1998	FMETL	6.98	24400	12100	107	7.16					V,S,P,M
03/01/1999	FMETL	2.98	8910	118000	143	5.71					V,S,P,M
06/11/1999	FMETL	ND	7740	60100	61.6	6.50					V,S,P,M
07/27/1999	FMETL	2.90	11500	149000	91.8	6.93					V,S,P,M
10/26/1999	FMETL	2.25	22400	593000	30.3	7.60					V,S,P,M
03/02/2000	FMETL	5.3	9300	174000	54.7	6.23					V,S,P,M
06/01/2000	FMETL	11.1	6610	69800	61.4	5.97					V,S,P,M
08/28/2000	FMETL	ND	7830	63200	35.7	5.65					V,S,P,M
11/07/2000	FMETL	7.62	7280	36900	541	6.17					V,S,P,M
02/14/2001	FMETL	ND	5900	32500	25.8	5.62					V,S,P,M
05/17/2001	FMETL	ND	4710	15600	23.8	6.00					V,S,P,M
09/06/2001	FMETL	3.81	6250	15200	156	6.60					V,S,P,M
11/15/2001	FMETL	ND	22900	606000	62.3	6.98					V,S,P,M
01/16/2002	FMETL	1.14	21300	593000	87.2	7.18					V,S,P,M
04/24/2002	FMETL	2.29	17900	324000	93.9	6.13					V,S,P,M

SOURCE: 00M3MW08

Sampling Dates:
10/20/1998 - 04/24/2002

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FORT MONMOUTH

GW MONITORING
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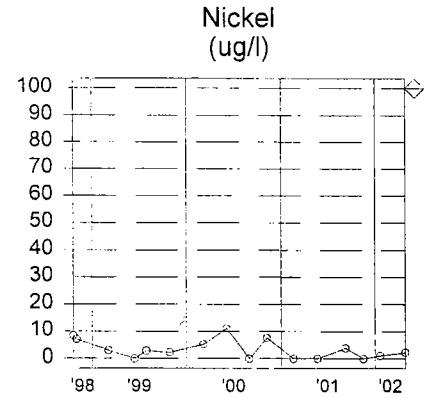
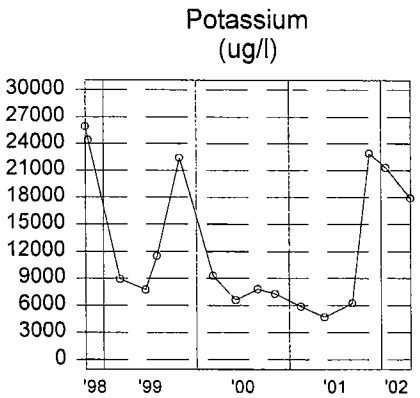
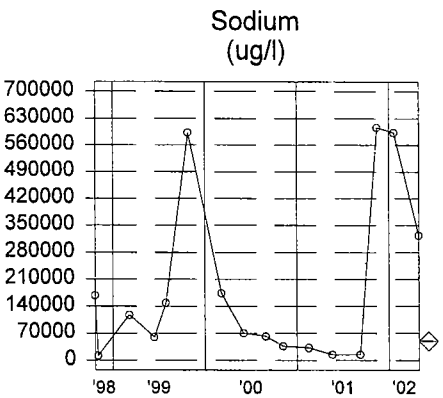
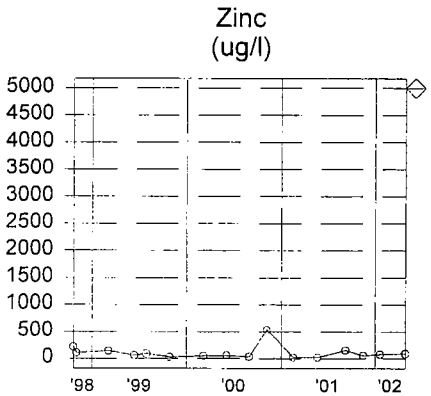
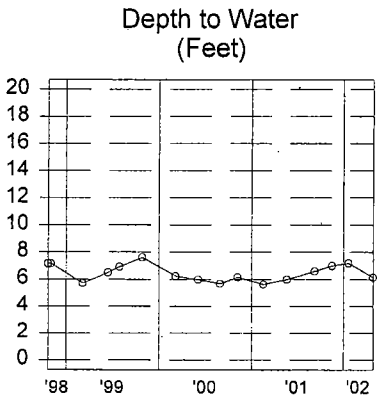
SELFM-PW-EV











SOURCE: 00M3MW08

Sampling Dates:
10/20/1998 - 04/24/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 5 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-22-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Chloro benzene	1,4-Di chloro benzene	bis(2-Ethyl hexyl) phthalate	Aluminum	Iron	Manganese	Lead	Barium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	75	30	200	300	50	10	2000	NLE	-
10/07/1998	FMETL	16.36	2.73	ND	1040	17400	90.9	ND	73	31200	V,S,P,M
10/23/1998	FMETL	17.33	2.61	ND	1380	73900	476	32.7	371	62600	V,S,P,M
03/01/1999	FMETL	14.25	ND	ND	337	60400	1740	8.46	430	82400	V,S,P,M
06/11/1999	FMETL	10.22	ND	ND	741	64100	595	10.6	332	65400	V,S,P,M
07/27/1999	FMETL	11.69	2.00	ND	ND	31.1	2.12	ND	ND	244	V,S,P,M
10/26/1999	FMETL	17.37	2.48	ND	832	82100	534	9.02	401	66700	V,S,P,M
03/02/2000	FMETL	15.64	2.27	2.93	603	69800	772	2.32	412	72700	V,S,P,M
06/01/2000	FMETL	15.39	2.51	3.44	202	70600	758	4.60	414	73800	V,S,P,M
08/28/2000	FMETL	20.54	1.87	3.29	257	66500	723	4.72	376	71400	V,S,P,M
11/07/2000	FMETL	16.01	1.46	3.13	195	61700	666	ND	417	67900	V,S,P,M
02/14/2001	FMETL	14.74	1.33	1.59	73.4	62400	974	ND	402	68800	V,S,P,M
05/17/2001	FMETL	15.66	1.96	3.00	97.0	59500	694	2.93	333	59300	V,S,P,M
09/06/2001	FMETL	17.23	2.43	2.64	1040	78300	660	34.1	375	63700	V,S,P,M
11/15/2001	FMETL	10.59	1.26	2.10	ND	75700	646	6.08	343	73700	V,S,P,M
01/16/2002	FMETL	15.3	1.71	2.12	741	83300	693	15.0	395	70400	V,S,P,M
04/24/2002	FMETL	17.79	1.59	ND	239	73000	566	8.19	376	74400	V,S,P,M

SOURCE: 00M3MW09

Sampling Dates:
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FORT MONMOUTH

GW MONITORING
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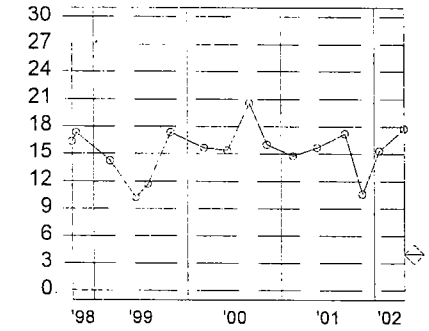
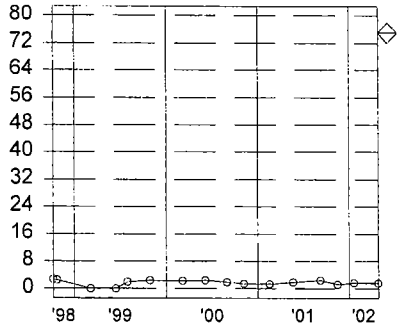
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

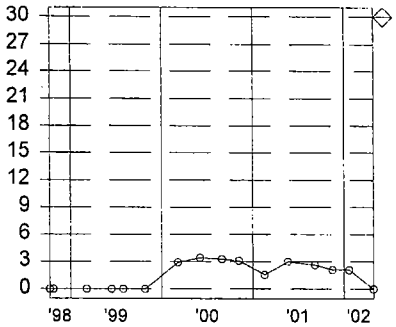
Chlorobenzene
(ug/l)



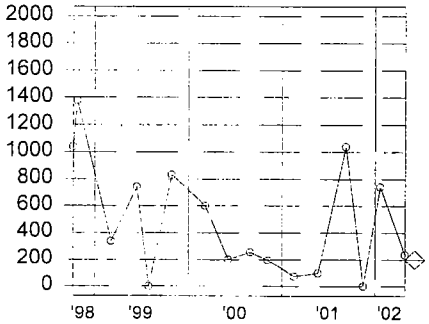
1,4-Dichlorobenzene
(ug/l)



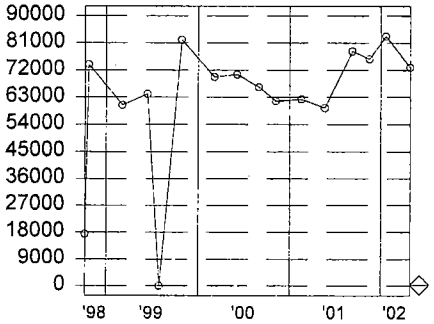
bis(2-Ethylhexyl)phthalate
(ug/l)



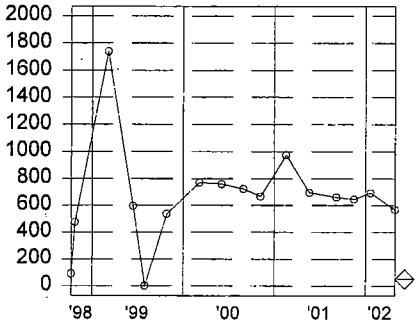
Aluminum
(ug/l)



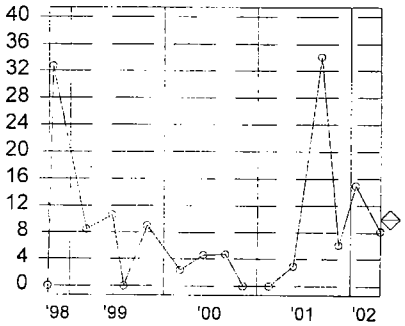
Iron
(ug/l)



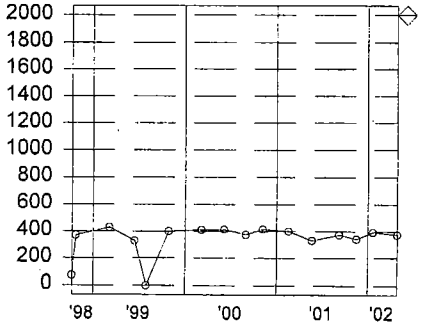
Manganese
(ug/l)



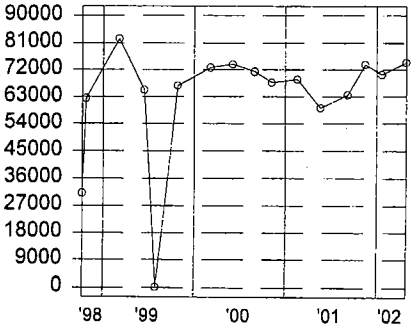
Lead
(ug/l)



Barium
(ug/l)



Calcium
(ug/l)



SOURCE: 00M3MW09

Sampling Dates:
10/07/1998 - 04/24/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 6 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-23-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/07/1998	FMETL	2520	ND	9390	2720	25	11.48				V,S,P,M
10/23/1998	FMETL	12900	3.14	13100	12100	60.6	11.74				V,S,P,M
03/01/1999	FMETL	19800	22.9	13600	46900	1150	10.75				V,S,P,M
06/11/1999	FMETL	13300	ND	9910	16300	109	11.37				V,S,P,M
07/27/1999	FMETL	54.5	1.15	292	575	7.07	11.52				V,S,P,M
10/26/1999	FMETL	14000	8.89	10900	27500	212	11.34				V,S,P,M
03/02/2000	FMETL	16100	1.17	9870	17300	84.6	11.23				V,S,P,M
06/01/2000	FMETL	15900	9.28	9480	23200	70.8	11.05				V,S,P,M
08/28/2000	FMETL	15100	ND	10300	14600	50.1	10.73				V,S,P,M
11/07/2000	FMETL	14300	ND	10200	13400	46.9	11.29				V,S,P,M
02/14/2001	FMETL	15500	ND	8840	12100	21.6	11.02				V,S,P,M
05/17/2001	FMETL	12200	ND	8030	13000	52.5	11.11				V,S,P,M
09/06/2001	FMETL	14100	4.13	10100	10200	405	11.38				V,S,P,M
11/15/2001	FMETL	19900	3.78	12200	35500	86.6	11.76				V,S,P,M
01/16/2002	FMETL	16500	1.91	12100	22000	161	12.00				V,S,P,M
04/24/2002	FMETL	16100	ND	12300	21900	71.9	6.05				V,S,P,M

SOURCE: 00M3MW09

Sampling Dates:
10/07/1998 - 04/24/2002

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GW MONITORING
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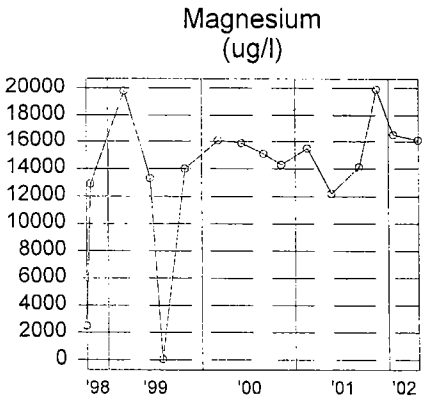
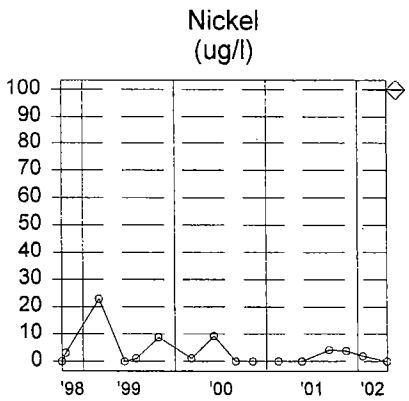
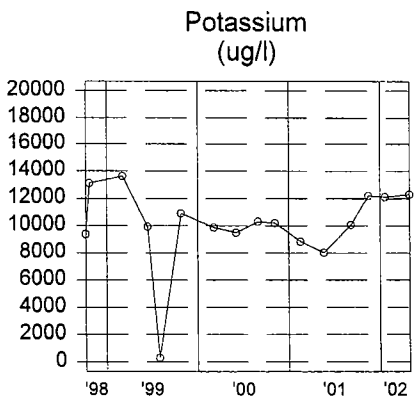
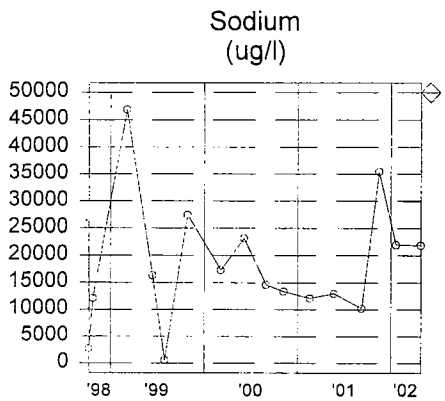
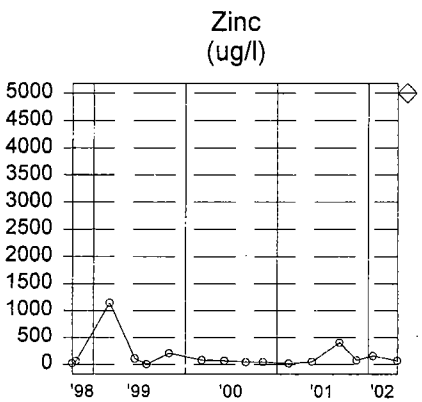
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

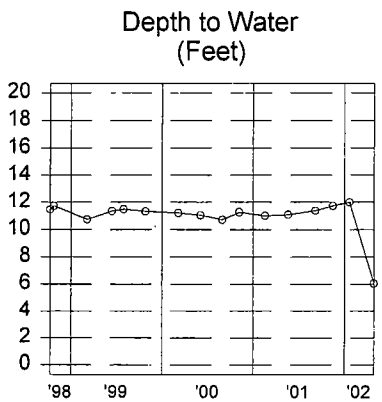












SOURCE: 00M3MW09

Sampling Dates:
10/07/1998 - 04/24/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 6 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-23-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Chloro benzene	1,4-Di chloro benzene	Acenaph thene	Fluorene	Aluminum	Iron	Manganese	Lead	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	75	400	300	200	300	50	10	2000	-
10/20/1998	FMETL	17.07	1.78	ND	ND	1960	57400	405	9.95	561	V,S,P,M
11/02/1998	FMETL	19.19	2.05	ND	ND	1570	61300	993	9.2	513	V,S,P,M
03/01/1999	FMETL	20.08	1.79	2.55	ND	1540	103000	761	9.86	947	V,S,P,M
06/11/1999	FMETL	16.27	ND	1.25	ND	1180	66100	708	2.58	592	V,S,P,M
07/27/1999	FMETL	15.90	1.99	1.23	ND	317	67700	866	7.30	345	V,S,P,M
10/26/1999	FMETL	19.56	2.13	1.78	1.33	268	62300	662	ND	635	V,S,P,M
03/02/2000	FMETL	15.34	1.89	1.18	1.04	2330	91200	682	ND	760	V,S,P,M
06/01/2000	FMETL	11.80	1.45	1.40	1.02	187	62300	735	ND	678	V,S,P,M
08/28/2000	FMETL	18.05	1.62	1.97	1.43	910	64400	564	1.60	604	V,S,P,M
11/07/2000	FMETL	18.59	1.38	1.81	1.19	397	64800	588	ND	689	V,S,P,M
02/14/2001	FMETL	13.84	ND	1.03	ND	97.0	84400	630	ND	762	V,S,P,M
05/17/2001	FMETL	15.98	1.22	1.24	ND	827	66700	553	4.31	625	V,S,P,M
09/06/2001	FMETL	15.80	1.37	1.47	1.13	925	62300	525	5.64	655	V,S,P,M
11/15/2001	FMETL	15.8	1.42	1.40	1.00	1990	68300	526	9.11	685	V,S,P,M
01/16/2002	FMETL	16.34	1.47	ND	ND	1510	79100	708	5.52	811	V,S,P,M
04/24/2002	FMETL	16.05	1.02	1.51	ND	778	67900	585	5.17	649	V,S,P,M

SOURCE: 00M3MW10

Sampling Dates:
10/20/1998 - 04/24/2002

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FORT MONMOUTH

GW MONITORING
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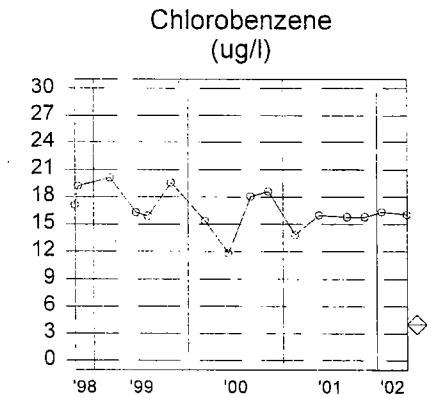
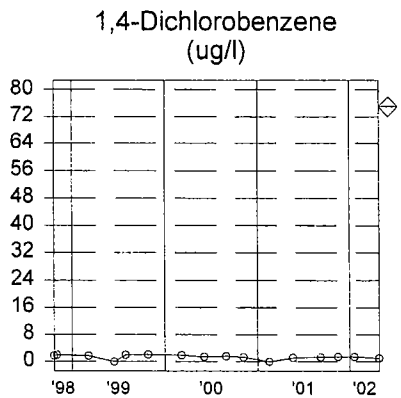
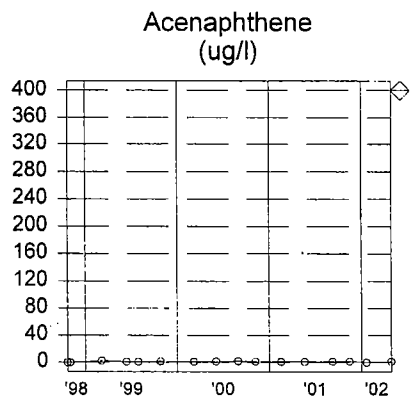
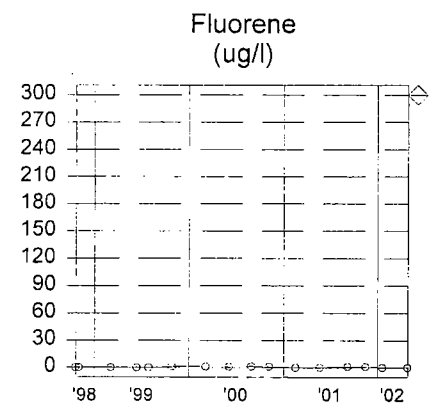
Source 7 of 8

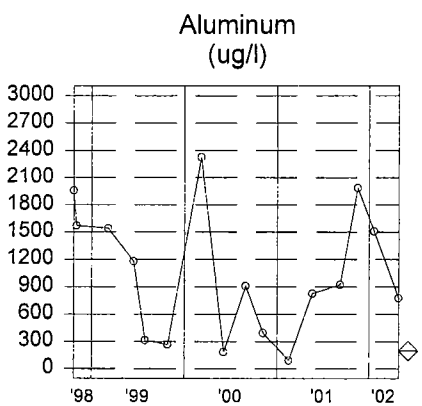
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

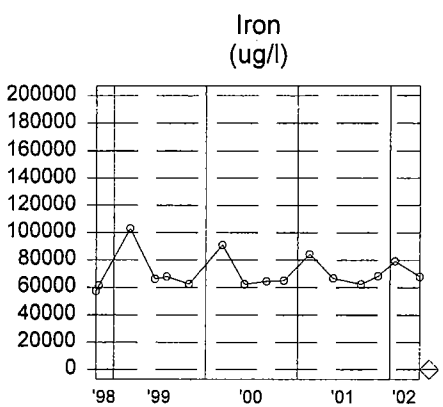


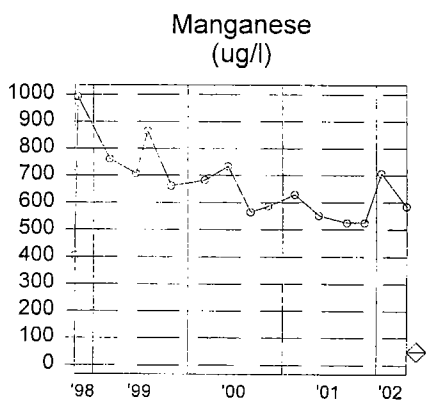


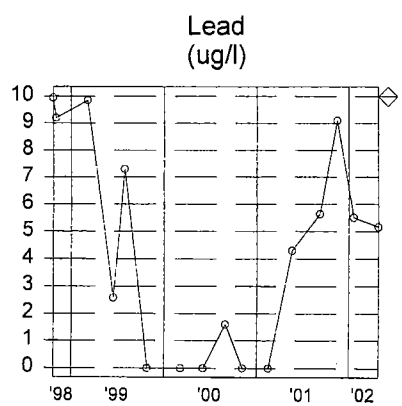


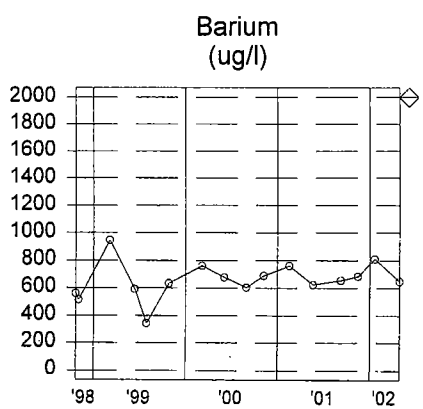












SOURCE: 00M3MW10

Sampling Dates:
10/20/1998 - 04/24/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 7 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-23-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	NLE	NLE	100	NLE	50000	5000	-			-
10/20/1998	FMETL	91700	14100	1.59	15000	15500	35.2	6.11			V,S,P,M
11/02/1998	FMETL	139000	37100	4.62	20600	154000	229	6.11			V,S,P,M
03/01/1999	FMETL	119000	19700	28	13500	16500	144	5.03			V,S,P,M
06/11/1999	FMETL	108000	17300	ND	12800	17300	28.8	5.76			V,S,P,M
07/27/1999	FMETL	66200	13900	5.49	11900	24900	91.5	6.08			V,S,P,M
10/26/1999	FMETL	110000	17900	ND	12500	25600	8.12	5.61			V,S,P,M
03/02/2000	FMETL	95500	16200	1.62	10400	14400	83.8	5.30			V,S,P,M
06/01/2000	FMETL	109000	17300	11.6	10300	14400	19.3	5.53			V,S,P,M
08/28/2000	FMETL	104000	16200	ND	11700	16200	42.2	5.31			V,S,P,M
11/07/2000	FMETL	110000	16500	ND	11400	16400	23.5	5.85			V,S,P,M
02/14/2001	FMETL	92600	14800	ND	8440	12300	21.9	5.18			V,S,P,M
05/17/2001	FMETL	97500	15500	1.92	9390	13900	33.1	5.53			V,S,P,M
09/06/2001	FMETL	105000	16500	ND	11300	15300	27.8	8.10			V,S,P,M
11/15/2001	FMETL	115000	20200	1.35	13200	40200	56.9	6.29			V,S,P,M
01/16/2002	FMETL	127000	20300	1.70	13700	25300	54.6	6.20			V,S,P,M
04/24/2002	FMETL	111000	17600	ND	12100	16100	40.9	5.67			V,S,P,M

SOURCE: 00M3MW10

Sampling Dates:
10/20/1998 - 04/24/2002

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FORT MONMOUTH

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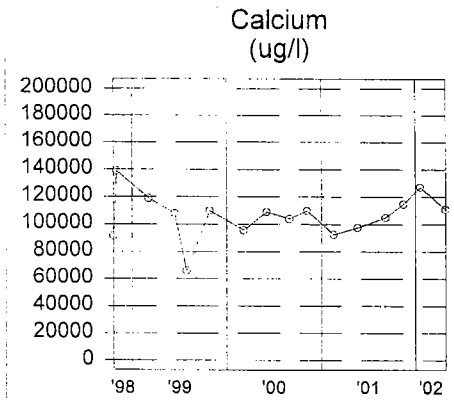
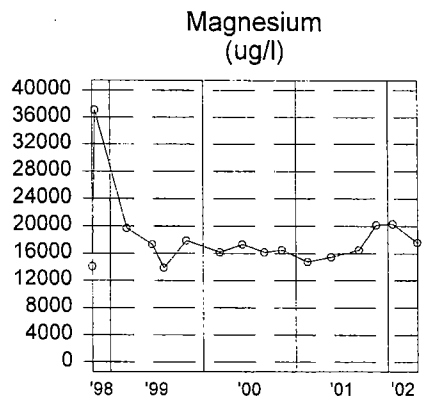
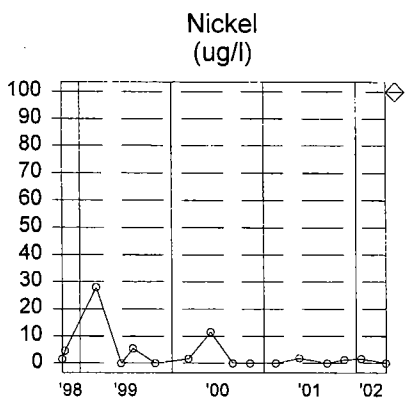
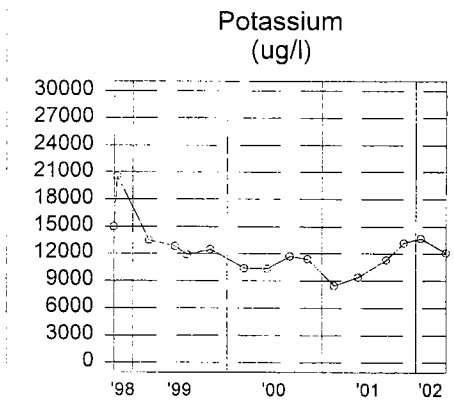
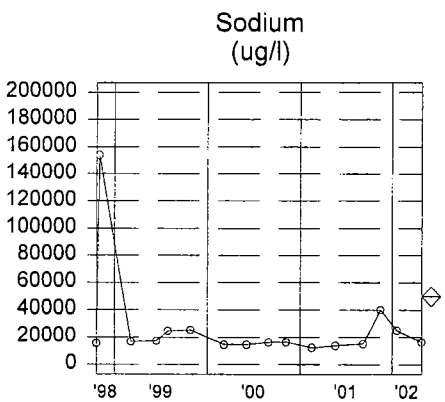
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

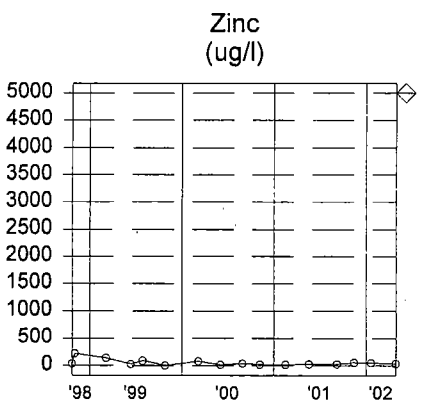


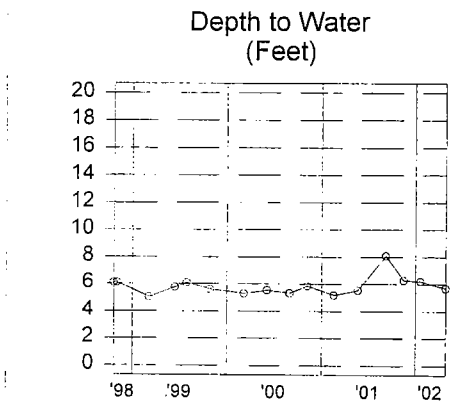












SOURCE: 00M3MW10

Sampling Dates:
10/20/1998 - 04/24/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 7 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-23-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Chloro benzene	1,4-Di chloro benzene	Acenaph thene	Fluorene	Aluminum	Iron	Manganese	Lead	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	75	400	300	200	300	50	10	2000	-
10/07/1998	FMETL	5.03	2.46	ND	ND	3480	62200	588	11	393	V,S,P,M
10/23/1998	FMETL	5.56	2.6	ND	ND	500	49900	549	3.83	341	V,S,P,M
03/02/1999	FMETL	2.66	ND	ND	ND	6840	73200	1780	11.2	279	V,S,P,M
06/11/1999	FMETL	5.44	1.57	1.14	1.18	7620	82400	956	15.2	529	V,S,P,M
07/27/1999	FMETL	5.60	2.99	1.21	1.19	7580	77800	897	22.3	472	V,S,P,M
10/26/1999	FMETL	6.28	3.44	1.84	1.84	2750	65800	822	7.95	468	V,S,P,M
03/02/2000	FMETL	3.26	1.40	ND	ND	1330	47300	1020	ND	287	V,S,P,M
06/01/2000	FMETL	3.56	1.58	1.16	1.01	2160	64800	1010	17.8	436	V,S,P,M
06/01/2000D	FMETL	3.50	ND	1.32	1.14	1370	59300	1020	6.21	408	V,S,P,M
08/28/2000	FMETL	3.27	1.17	1.16	1.12	1250	50600	1890	4.17	271	V,S,P,M
11/07/2000	FMETL	5.65	2.87	1.44	1.32	1380	63600	873	4.35	464	V,S,P,M
02/14/2001	FMETL	1.64	ND	ND	ND	289	43300	1400	ND	330	V,S,P,M
05/17/2001	FMETL	3.97	1.31	ND	ND	858	48500	910	5.52	263	V,S,P,M
09/06/2001	FMETL	4.43	1.82	1.28	1.18	702	52400	702	6.09	330	V,S,P,M
11/15/2001	FMETL	4.78	1.85	ND	ND	752	54200	694	6.62	388	V,S,P,M
01/16/2002	FMETL	4.73	2.17	1.75	1.48	682	56200	855	4.40	417	V,S,P,M
04/24/2002	FMETL	3.98	1.18	1.30	1.14	545	60400	1100	5.11	423	V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 04/24/2002

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FORT MONMOUTH

GW MONITORING
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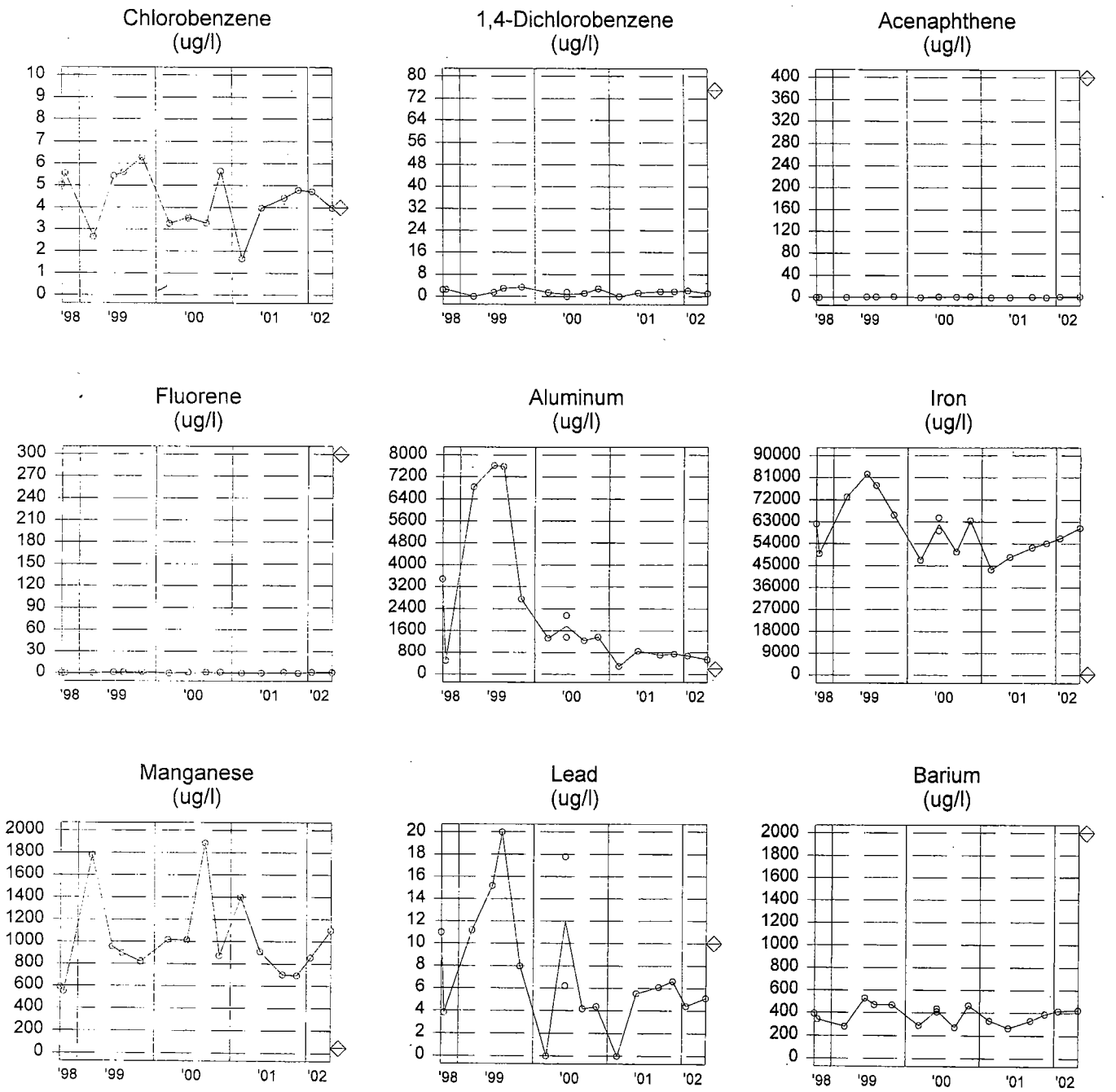
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M3MW11

Sampling Dates:
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○ = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-23-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
10/07/1998	FMETL	1.2	116000	10300	29	12100	13600	435	8.56		V,S,P,M
10/23/1998	FMETL	ND	108000	9020	6.2	8620	7180	98.2	8.63		V,S,P,M
03/02/1999	FMETL	12.3	185000	14500	263	8110	14800	3350	7.65		V,S,P,M
06/11/1999	FMETL	47.3	108000	10200	79.8	8430	10700	1850	8.27		V,S,P,M
07/27/1999	FMETL	14.6	117000	11400	157	9960	10900	2320	8.55		V,S,P,M
10/26/1999	FMETL	7.61	112000	9970	24.2	8450	11100	330	8.03		V,S,P,M
03/02/2000	FMETL	15	151000	13000	359	7320	13200	6050	7.72		V,S,P,M
06/01/2000	FMETL	19.1	133000	11300	104	6780	10200	1550	7.93		V,S,P,M
06/01/2000D	FMETL	11.7	134000	11300	87.8	6600	10600	1140	7.93		V,S,P,M
08/28/2000	FMETL	12.7	133000	11000	469	7090	11300	3850	8.73		V,S,P,M
11/07/2000	FMETL	8.89	115000	10000	38.0	7190	9290	1060	8.05		V,S,P,M
02/14/2001	FMETL	6.31	163000	13000	530	7190	20100	3140	7.25		V,S,P,M
05/17/2001	FMETL	6.91	99700	8600	116	5480	ND	1880	7.81		V,S,P,M
09/06/2001	FMETL	4.48	115000	9960	36.7	6770	5790	731	8.48		V,S,P,M
11/15/2001	FMETL	5.30	13100	11300	46.9	7850	9940	942	8.49		V,S,P,M
01/16/2002	FMETL	4.30	133000	11400	40.5	8170	8240	847	8.28		V,S,P,M
04/24/2002	FMETL	31.7	145000	12300	78.1	8360	ND	2150	8.00		V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 04/24/2002

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Page 2 of 2

FORT MONMOUTH

GW MONITORING
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Source 8 of 8

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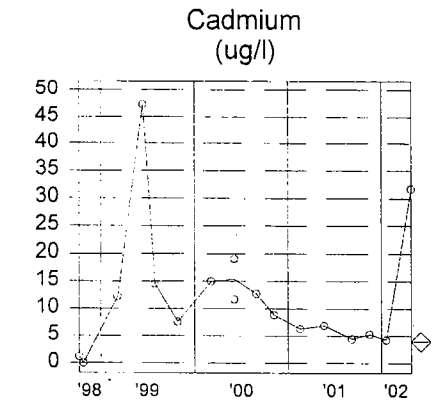
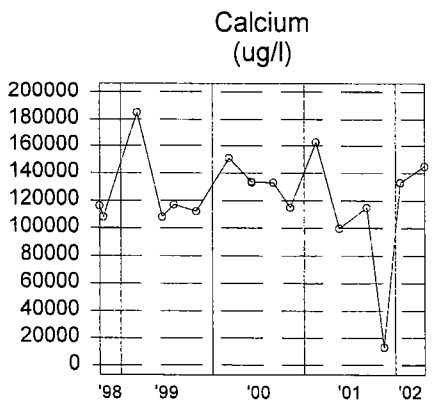
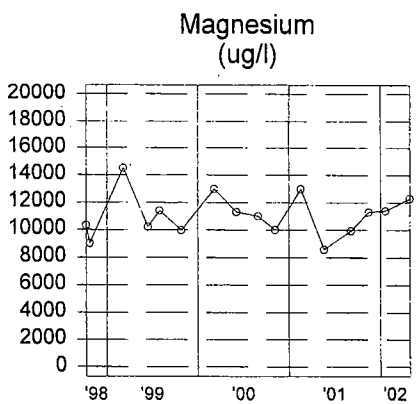
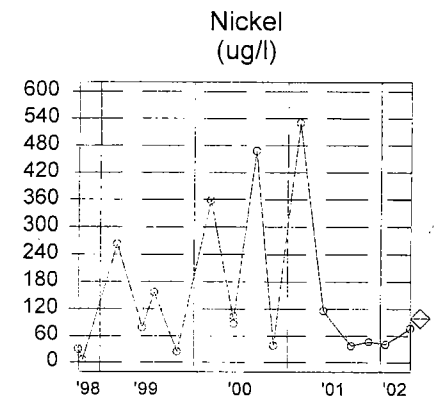
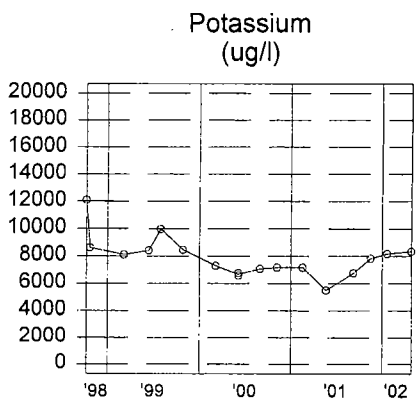
FORT MONMOUTH
SELFM-PW-EV

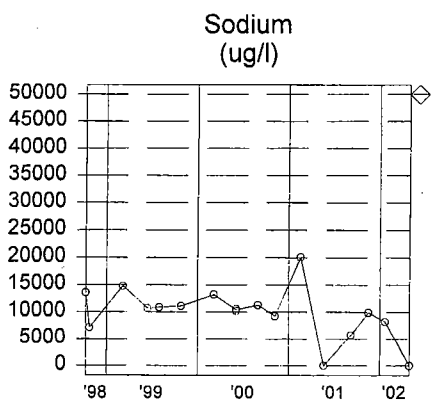


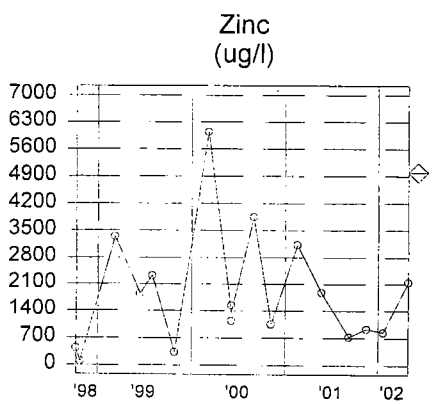


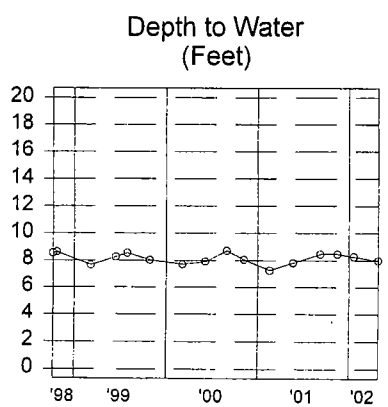












SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 04/24/2002

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

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FORT MONMOUTH
SELFM-PW-EV

05-23-2002 x:\mtech46\fm\m-3\gw\m-3.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-3

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
2044704	00M3MW04	29-32568	07/16/02
2044705	00M3MW05	29-32569	07/16/02
2044706	00M3MW06	29-32570	07/16/02
2044707	00M3MW07	29-39173	07/16/02
2044708	00M3MW08	29-39174	07/16/02
2044709	00M3MW09	29-39175	07/16/02
2044710	00M3MW10	29-39176	07/16/02
2044711	00M3MW11	29-39145	07/16/02

NJDEP Laboratory Certification # 13461

9-4-02
Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M3 wells
3rd Qtr '02

Samplers Name / Company: Corey McCormach, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOC+15	TAL MTLS	Pest/PCB	BNA+25				Hrs Read	Remarks / Preservation Method
20447.01	Trip	7/16/02	0752	AQ	2	✓							—	
02	Field Blank		0900		5	✓	✓	✓	✓				—	
03	Dupe		—		5	✓	✓	✓	✓				—	
04	M3 mw04 *		0959		5	✓	✓	✓	✓				0.0	29-32568
05	M3 mw05		0948			✓	✓	✓	✓				0.0	29-32569
06	M3 mw06		0942			✓	✓	✓	✓				0.0	29-32570
07	M3 mw07		0934			✓	✓	✓	✓				0.0	29-39173
08	M3 mw08		1033			✓	✓	✓	✓				0.0	29-39174
09	M3 mw09		1054			✓	✓	✓	✓				0.0	29-39175
10	M3 mw10		1128			✓	✓	✓	✓				0.0	29-39176
11	M3 mw11		1308			✓	✓	✓	✓				0.0	29-39145

Comments: HCL/HNO3/4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormach	7/16/02 1500	[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, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: Tide: L

print legibly

Coc6/27/02

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW04
NJDEP ID #: 29-32568
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 07/16/02
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 13.39 ft
DEPTH OF WELL: 25.11 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.72 ft
(11.72) X .65 X 3 =22.85
GALLONS OF H2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:18
pH 5.81 su
DISSOLVED O2 5.66 mg/L
TEMP 15.7 °C
SPECIFIC CONDUCTIVITY 479 ms/cm

PURGE END TIME: 09:58
pH 5.41 su
DISSOLVED O2 4.70 mg/L
TEMP 15.1 °C
SPECIFIC CONDUCTIVITY 483 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 14.55 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 09:59
pH 5.37 su
DISSOLVED O2 4.32 mg/L
TEMP 15.2 °C
SPECIFIC CONDUCTIVITY 483 ms/cm

SAMPLE END TIME: 10:04

COMMENTS: DUP. here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW05
NJDEP ID #: 29-32569
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 07/16/02
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.24 ft
DEPTH OF WELL: 18.14 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.92 ft
(8.92) X .65 X 3 = 17.39
GALLONS OF H2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:25
pH 6.83 su
DISSOLVED O2 5.41 mg/L
TEMP 15.9 °C
SPECIFIC CONDUCTIVITY 573 ms/cm

PURGE END TIME: 09:39
pH 6.66 su
DISSOLVED O2 4.70 mg/L
TEMP 15.1 °C
SPECIFIC CONDUCTIVITY 588 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 9.37 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 09:48
pH 6.64 su
DISSOLVED O2 4.66 mg/L
TEMP 14.9 °C
SPECIFIC CONDUCTIVITY 589 ms/cm

SAMPLE END TIME: 09:55

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW06
NJDEP ID #: 29-32570
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 07/16/02
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.07 ft
DEPTH OF WELL: 17.17 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.11 ft
(8.11) X .65 X 3 =15.79
GALLONS OF H2O TO BE PURGED: 16 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:32
pH 6.47 su
DISSOLVED O2 5.77 mg/L
TEMP 15.8 °C
SPECIFIC CONDUCTIVITY 555 ms/cm

PURGE END TIME: 09:41
pH 6.37 su
DISSOLVED O2 5.30 mg/L
TEMP 15.4 °C
SPECIFIC CONDUCTIVITY 570 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 11.35 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 09:42
pH 5.37 su
DISSOLVED O2 5.27 mg/L
TEMP 15.3 °C
SPECIFIC CONDUCTIVITY 573 ms/cm

SAMPLE END TIME: 09:47

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW07
NJDEP ID #: 29-39173
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 07/16/02
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 10.44 ft
DEPTH OF WELL: 18.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.04 ft
(8.04) X .163 X 3 =3.93
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:16
pH 7.10 su
DISSOLVED O2 5.90 mg/L
TEMP 15.7 °C
SPECIFIC CONDUCTIVITY 5.21 ms/cm

PURGE END TIME: 09:33
pH 7.03 su
DISSOLVED O2 5.41 mg/L
TEMP 15.0 °C
SPECIFIC CONDUCTIVITY 4.00 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 13.88 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 09:34
pH 7.02 su
DISSOLVED O2 5.37 mg/L
TEMP 15.1 °C
SPECIFIC CONDUCTIVITY 3.77 ms/cm

SAMPLE END TIME: 09:39

COMMENTS: Slightly cloudy.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW08
NJDEP ID #: 29-39174
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 07/16/02
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.77 ft
DEPTH OF WELL: 15.23 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.46 ft
(8.46) X .163 X 3 = 4.13
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:15
pH 6.67 su
TEMP 15.3 °C
DISSOLVED O2 5.41 mg/L
SPECIFIC CONDUCTIVITY 707 ms/cm

PURGE END TIME: 10:32
pH 6.67 su
TEMP 14.7 °C
DISSOLVED O2 4.68 mg/L
SPECIFIC CONDUCTIVITY 650 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 7.83 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 10:33
pH 6.64 su
TEMP 14.6 °C
DISSOLVED O2 4.11 mg/L
SPECIFIC CONDUCTIVITY 657 ms/cm

SAMPLE END TIME: 10:37

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW09
NJDEP ID #: 29-39175
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 07/16/02
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 11.60 ft
DEPTH OF WELL: 16.95 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 5.35 ft
(5.35) X .163 X 3 = 2.61
GALLONS OF H2O TO BE PURGED: 3 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:40
pH 6.78 su
DISSOLVED O2 5.41 mg/L
TEMP 14.8 °C
SPECIFIC CONDUCTIVITY 681 ms/cm

PURGE END TIME: 10:53
pH 6.63 su
DISSOLVED O2 4.87 mg/L
TEMP 14.2 °C
SPECIFIC CONDUCTIVITY 699 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 11.91 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 3 gal

SAMPLE START TIME: 10:54
pH 6.62 su
DISSOLVED O2 4.79 mg/L
TEMP 14.3 °C
SPECIFIC CONDUCTIVITY 710 ms/cm

SAMPLE END TIME: 11:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW10
NJDEP ID #: 29-39176
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 07/16/02
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.10 ft
DEPTH OF WELL: 16.05 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.95 ft
(9.95) X .163 X 3 = 4.86
GALLONS OF H2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:05
pH 6.57 su
DISSOLVED O2 5.27 mg/L
TEMP 14.7 °C
SPECIFIC CONDUCTIVITY 871 ms/cm

PURGE END TIME: 11:27
pH 6.61 su
DISSOLVED O2 4.92 mg/L
TEMP 14.2 °C
SPECIFIC CONDUCTIVITY 941 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 7.98 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 11:28
pH 6.60 su
DISSOLVED O2 4.87 mg/L
TEMP 14.2 °C
SPECIFIC CONDUCTIVITY 971 ms/cm

SAMPLE END TIME: 11:34

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M3
MW#: 00M3MW11
NJDEP ID #: 29-39145
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 07/16/02
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 8.50 ft
DEPTH OF WELL: 16.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.00 ft
(8.00) X .163 X 3 = 3.91
GALLONS OF H2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:50
pH 6.70 su
DISSOLVED O2 5.18 mg/L
TEMP 14.9 °C
SPECIFIC CONDUCTIVITY 801 ms/cm

PURGE END TIME: 13:07
pH 6.67 su
DISSOLVED O2 4.28 mg/L
TEMP 14.3 °C
SPECIFIC CONDUCTIVITY 790 ms/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 8.79 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 13:08
pH 6.65 su
DISSOLVED O2 4.27 mg/L
TEMP 14.3 °C
SPECIFIC CONDUCTIVITY 789 ms/cm

SAMPLE END TIME: 13:13

COMMENTS:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	:	Method Detection Limit
J	:	Compound identified below detection limit
B	:	Compound found in blank
D	:	Results are from a dilution of the sample
U	:	Compound searched for but not detected
E	:	Compound exceeds calibration limit
PQL	:	Practical Quantitation Limit
NLE	:	No limit established
RT	:	Retention time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008616.D**	Sample Name	**MB 22July02**
Operator	**Skelton**	Field ID	**MB 22July02**
Date Aquired	**22-Jul-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 22July02**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20447 Location: M3 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 22July02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008616.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: not dec. Date Analyzed: 7/22/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008617.D**	Sample Name	**2044701**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**22-Jul-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20447 Location: M3 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2044701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008617.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: not dec. _____ Date Analyzed: 7/22/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008618.D**	Sample Name	**2044702**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**22-Jul-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20447 Location: M3 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2044702

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008618.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: not dec. Date Analyzed: 7/22/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008619.D**	Sample Name	**2044703**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**22-Jul-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20447 Location: M3 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2044703

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008619.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: not dec. Date Analyzed: 7/22/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008620.D**	Sample Name	**2044704**
Operator	**Skelton**	Field ID	**M3MW04**
Date Aquired	**22-Jul-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20447 Location: M3 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2044704

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008620.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: not dec. _____ Date Analyzed: 7/22/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008621.D**	Sample Name	**2044705**
Operator	**Skelton**	Field ID	**M3MW05**
Date Aquired	**22-Jul-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.11	103217	3.81 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20447 Location: M3 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2044705

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008621.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: not dec. _____ Date Analyzed: 7/22/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008622.D**	Sample Name	**2044706**
Operator	**Skelton**	Field ID	**M3MW06**
Date Aquired	**22-Jul-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.11	63863	2.32 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW06**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20447 Location: M3 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2044706

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008622.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: not dec. _____ Date Analyzed: 7/22/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008623.D**	Sample Name	**2044707**
Operator	**Skelton**	Field ID	**M3MW07**
Date Aquired	**22-Jul-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride	5.27	117772	17.82 ug/L	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene	16.12	387427	24.71 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW07**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20447 Location: M3 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2044707

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008623.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: not dec. Date Analyzed: 7/22/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008624.D**	Sample Name	**2044708**
Operator	**Skelton**	Field ID	**M3MW08**
Date Aquired	**22-Jul-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.11	53835	2.04 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW08**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20447 Location: M3 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2044708

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008624.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: not dec. Date Analyzed: 7/22/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008625.D**	Sample Name	**2044709**
Operator	**Skelton**	Field ID	**M3MW09**
Date Aquired	**22-Jul-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.11	326490	12.47 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	32.73	27323	1.50 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW09**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20447 Location: M3 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2044709

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008625.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: not dec. _____ Date Analyzed: 7/22/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008626.D**	Sample Name	**2044710**
Operator	**Skelton**	Field ID	**M3MW10**
Date Aquired	**22-Jul-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.11	388641	14.75 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	32.72	25309	1.38 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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8/26/02 3:21 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW10**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20447 Location: M3 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2044710

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008626.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: not dec. _____ Date Analyzed: 7/22/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008627.D**	Sample Name	**2044711**
Operator	**Skelton**	Field ID	**M3MW11**
Date Aquired	**22-Jul-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.11	113893	4.19 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	32.72	32356	1.71 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M3MW11**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20447 Location: M3 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2044711

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008627.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: not dec. _____ Date Analyzed: 7/22/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05731.D**	Sample Name	**MB-071802**
Operator	**B.Patel**	Misc Info	**MB-071802**
Date Acquired	**18-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN05731.D**	Sample Name	**MB-071802**
Operator	**B.Patel**	Misc Info	**MB-071802**
Date Acquired	**18-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **MB-071802**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20447 Location: M3 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: MB-071802

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05731.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/18/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.92	15	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05733.D**	Sample Name	**2044702**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**18-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN05733.D**	Sample Name	**2044702**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**18-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.68	98486	1.40 ug/L	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20447 Location: M3 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2044702

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05733.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/18/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.92	15	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05734.D**	Sample Name	**2044703**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**18-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN05734.D**	Sample Name	**2044703**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**18-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20447 Location: M3 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2044703

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05734.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/18/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.93	15	J
2.	unknown	29.11	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05735.D**	Sample Name	**2044704**
Operator	**B.Patel**	Misc Info	**M3MW04**
Date Acquired	**18-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN05735.D**	Sample Name	**2044704**
Operator	**B.Patel**	Misc Info	**M3MW04**
Date Acquired	**18-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20447 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 2044704

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05735.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: decanted: (Y/N) N Date Extracted: 7/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/18/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.93	15	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05738.D**	Sample Name	**2044705**
Operator	**B.Patel**	Misc Info	**M3MW05**
Date Acquired	**22-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene	17.63	96516	1.62 ug/L	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

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Data File Name	**BN05738.D**	Sample Name	**2044705**
Operator	**B.Patel**	Misc Info	**M3MW05**
Date Acquired	**22-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene	18.87	68613	1.11 ug/L	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.72	271187	3.83 ug/L	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20447 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 2044705

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05738.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: decanted: (Y/N) N Date Extracted: 7/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/22/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.93	15	J
2.	unknown	10.79	7	J
3. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.60	5	JN
4. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	12.73	5	JN
5.	unknown	19.62	5	J
6. 000080-05-7	Phenol, 4,4'-(1-methylethylidene)	24.92	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05739.D**	Sample Name	**2044706**
Operator	**B.Patel**	Misc Info	**M3MW06**
Date Acquired	**22-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

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Data File Name	**BN05739.D**	Sample Name	**2044706**
Operator	**B.Patel**	Misc Info	**M3MW06**
Date Acquired	**22-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.68	97808	1.33 ug/L	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW06**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20447 Location: M3 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2044706

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05739.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/22/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.93	15	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05740.D**	Sample Name	**2044707**
Operator	**B.Patel**	Misc Info	**M3MW07**
Date Acquired	**22-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

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Data File Name	**BN05740.D**	Sample Name	**2044707**
Operator	**B.Patel**	Misc Info	**M3MW07**
Date Acquired	**22-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate	18.71	96110	1.41 ug/L	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.69	190297	2.66 ug/L	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW07**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20447 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 2044707

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05740.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: decanted: (Y/N) N Date Extracted: 7/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/22/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.92	16	J
2.	unknown	29.10	10	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05741.D**	Sample Name	**2044708**
Operator	**B.Patel**	Misc Info	**M3MW08**
Date Acquired	**22-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

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Data File Name	**BN05741.D**	Sample Name	**2044708**
Operator	**B.Patel**	Misc Info	**M3MW08**
Date Acquired	**22-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.69	81377	1.19 ug/L	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW08**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20447 Location: M3 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2044708

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05741.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/22/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.92	16	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05742.D**	Sample Name	**2044709**
Operator	**B.Patel**	Misc Info	**M3MW09**
Date Acquired	**22-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene	10.44	71517	1.49 ug/L	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

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Data File Name	**BN05742.D**	Sample Name	**2044709**
Operator	**B.Patel**	Misc Info	**M3MW09**
Date Acquired	**22-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.68	81263	1.16 ug/L	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW09**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20447 Location: M3 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2044709

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05742.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/22/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.93	14	J
2. 000496-11-7	Indane	10.79	5	JN
3. 000101-83-7	Cyclohexanamine, N-cyclohexyl-	16.90	10	JN
4. 001599-67-3	1-Docosene	29.11	7	JN
5. 002490-48-4	1-Hexadecanol, 2-methyl-	29.80	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05743.D**	Sample Name	**2044710**
Operator	**B.Patel**	Misc Info	**M3MW10**
Date Acquired	**22-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene	10.44	50335	1.10 ug/L	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene	17.62	106808	1.95 ug/L	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

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Data File Name	**BN05743.D**	Sample Name	**2044710**
Operator	**B.Patel**	Misc Info	**M3MW10**
Date Acquired	**22-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene	18.87	69950	1.23 ug/L	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.69	77148	1.16 ug/L	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW10**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20447 Location: M3 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 2044710

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05743.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: decanted: (Y/N) N Date Extracted: 7/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/22/02

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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.93	15	J
2. 000496-11-7	Indane	10.79	6	JN
3. 000767-58-8	Indan, 1-methyl-	12.72	4	JN
4.	unknown	19.62	6	J
5.	unknown	20.31	6	J
6. 000080-05-7	Phenol, 4,4'-(1-methylethylidene)	24.92	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN05744.D**	Sample Name	**2044711**
Operator	**B.Patel**	Misc Info	**M3MW11**
Date Acquired	**22-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene	10.44	48399	1.15 ug/L	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene	17.62	111724	2.26 ug/L	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN05744.D**	Sample Name	**2044711**
Operator	**B.Patel**	Misc Info	**M3MW11**
Date Acquired	**22-Jul-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene	18.87	96945	1.89 ug/L	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	27.69	82569	1.40 ug/L	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M3MW11**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20447 Location: M3 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2044711

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN05744.D

Level: (low/med) LOW Date Received: 7/16/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/22/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.93	29	J
2.	unknown	29.11	6	J

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB 7/23
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	7/23/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/02
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2044702
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/16/02
	Bldg. 173	**Extraction Date:**	7/23/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	FIELD BLANK
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2044703
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/16/02
	Bldg. 173	**Extraction Date:**	7/23/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	DUPE
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2044704
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/16/02
	Bldg. 173	**Extraction Date:**	7/23/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2044705
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/16/02
	Bldg. 173	**Extraction Date:**	7/23/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2044706
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/16/02
	Bldg. 173	**Extraction Date:**	7/23/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2044707
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/16/02
	Bldg. 173	**Extraction Date:**	7/23/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2044708
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/16/02
	Bldg. 173	**Extraction Date:**	7/23/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2044709
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/16/02
	Bldg. 173	**Extraction Date:**	7/23/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2044710
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/16/02
	Bldg. 173	**Extraction Date:**	7/23/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2044711
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/16/02
	Bldg. 173	**Extraction Date:**	7/23/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/02
Analysis:	EPA Method 608	**Location :**	M3 WELLS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	M3 MW11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation 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 #:
Sample Prepared: 07/26/02

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/29/02	190	200	10.0
Antimony	07/29/02	4.36	20	2.0
Arsenic	07/29/02	ND	8	2.0
Barium	07/29/02	ND	2000	0.5
Beryllium	07/29/02	ND	20	0.5
Cadmium	07/29/02	ND	4	0.5
Calcium	07/29/02	274	NLE	20.0
Chromium	07/29/02	ND	100	0.5
Cobalt	07/29/02	ND	NLE	0.5
Copper	07/29/02	ND	1000	2.0
Iron	07/29/02	49.5	300	10.0
Lead	07/29/02	ND	10	1.0
Magnesium	07/29/02	121	NLE	10.0
Manganese	07/29/02	ND	50	0.5
Mercury	07/30/02	ND	2	0.1
Nickel	07/29/02	ND	100	1.0
Potassium	07/29/02	616	NLE	40.0
Selenium	07/29/02	3.75	50	3.0
Silver	07/29/02	ND	20	1.0
Sodium	07/29/02	ND	50000	20.0
Thallium	07/29/02	ND	10	2.0
Vanadium	07/29/02	ND	NLE	0.5
Zinc	07/29/02	ND	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2044702
Sample Received: 07/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/29/02	37.6	200	10.0
Antimony	07/29/02	ND	20	2.0
Arsenic	07/29/02	ND	8	2.0
Barium	07/29/02	1.38	2000	0.5
Beryllium	07/29/02	ND	20	0.5
Cadmium	07/29/02	ND	4	0.5
Calcium	07/29/02	94.6	NLE	20.0
Chromium	07/29/02	ND	100	0.5
Cobalt	07/29/02	ND	NLE	0.5
Copper	07/29/02	4.01	1000	2.0
Iron	07/29/02	40.1	300	2.0
Lead	07/29/02	ND	10	1.0
Magnesium	07/29/02	11.7	NLE	10.0
Manganese	07/29/02	ND	50	0.5
Mercury	07/30/02	ND	2	0.1
Nickel	07/29/02	ND	100	1.0
Potassium	07/29/02	79.7	NLE	40.0
Selenium	07/29/02	4.22	50	3.0
Silver	07/29/02	ND	20	1.0
Sodium	07/29/02	440	50000	20.0
Thallium	07/29/02	ND	10	2.0
Vanadium	07/29/02	ND	NLE	0.5
Zinc	07/29/02	ND	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2044703
Sample Received: 07/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/29/02	114	200	10.0
Antimony	07/29/02	ND	20	2.0
Arsenic	07/29/02	ND	8	2.0
Barium	07/29/02	188	2000	0.5
Beryllium	07/29/02	ND	20	0.5
Cadmium	07/29/02	3.96	4	0.5
Calcium	07/29/02	71800	NLE	20.0
Chromium	07/29/02	1.20	100	0.5
Cobalt	07/29/02	8.44	NLE	0.5
Copper	07/29/02	5.76	1000	2.0
Iron	07/29/02	605	300	10.0
Lead	07/29/02	ND	10	1.0
Magnesium	07/29/02	10500	NLE	10.0
Manganese	07/29/02	77.1	50	0.5
Mercury	07/30/02	ND	2	0.1
Nickel	07/29/02	47.6	100	1.0
Potassium	07/29/02	9230	NLE	40.0
Selenium	07/29/02	ND	50	3.0
Silver	07/29/02	ND	20	1.0
Sodium	07/29/02	24600	50000	20.0
Thallium	07/29/02	ND	10	2.0
Vanadium	07/29/02	0.591	NLE	0.5
Zinc	07/29/02	44.6	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2044704
Sample Received: 07/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/29/02	139	200	10.0
Antimony	07/29/02	ND	20	2.0
Arsenic	07/29/02	ND	8	2.0
Barium	07/29/02	185	2000	0.5
Beryllium	07/29/02	ND	20	0.5
Cadmium	07/29/02	3.81	4	0.5
Calcium	07/29/02	70400	NLE	20.0
Chromium	07/29/02	1.27	100	0.5
Cobalt	07/29/02	8.40	NLE	0.5
Copper	07/29/02	15.0	1000	2.0
Iron	07/29/02	620	300	10.0
Lead	07/29/02	ND	10	1.0
Magnesium	07/29/02	10300	NLE	10.0
Manganese	07/29/02	77.8	50	0.5
Mercury	07/30/02	ND	2	0.1
Nickel	07/29/02	46.5	100	1.0
Potassium	07/29/02	9060	NLE	40.0
Selenium	07/29/02	ND	50	3.0
Silver	07/29/02	ND	20	1.0
Sodium	07/29/02	24400	50000	20.0
Thallium	07/29/02	ND	10	2.0
Vanadium	07/29/02	0.593	NLE	0.5
Zinc	07/29/02	57.3	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2044705
Sample Received: 04/24/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/29/02	32.6	200	10.0
Antimony	07/29/02	ND	20	2.0
Arsenic	07/29/02	ND	8	2.0
Barium	07/29/02	665	2000	0.5
Beryllium	07/29/02	ND	20	0.5
Cadmium	07/29/02	ND	4	0.5
Calcium	07/29/02	94900	NLE	20.0
Chromium	07/29/02	ND	100	0.5
Cobalt	07/29/02	1.59	NLE	0.5
Copper	07/29/02	3.64	1000	2.0
Iron	07/29/02	71900	300	10.0
Lead	07/29/02	6.07	10	1.0
Magnesium	07/29/02	16300	NLE	10.0
Manganese	07/29/02	448	50	0.5
Mercury	07/30/02	ND	2	0.1
Nickel	07/29/02	ND	100	1.0
Potassium	07/29/02	10200	NLE	40.0
Selenium	07/29/02	6.95	50	3.0
Silver	07/29/02	ND	20	1.0
Sodium	07/29/02	18500	50000	20.0
Thallium	07/29/02	ND	10	2.0
Vanadium	07/29/02	ND	NLE	0.5
Zinc	07/29/02	14.8	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2044706
Sample Received: 07/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/29/02	ND	200	10.0
Antimony	07/29/02	ND	20	2.0
Arsenic	07/29/02	4.25	8	2.0
Barium	07/29/02	61.1	2000	0.5
Beryllium	07/29/02	ND	20	0.5
Cadmium	07/29/02	ND	4	0.5
Calcium	07/29/02	138000	NLE	20.0
Chromium	07/29/02	1.14	100	0.5
Cobalt	07/29/02	2.32	NLE	0.5
Copper	07/29/02	6.23	1000	2.0
Iron	07/29/02	44200	300	10.0
Lead	07/29/02	2.24	10	1.0
Magnesium	07/29/02	30600	NLE	10.0
Manganese	07/29/02	889	50	0.5
Mercury	07/30/02	ND	2	0.1
Nickel	07/29/02	10.8	100	1.0
Potassium	07/29/02	8470	NLE	40.0
Selenium	07/29/02	ND	50	3.0
Silver	07/29/02	ND	20	1.0
Sodium	07/29/02	33300	50000	20.0
Thallium	07/29/02	ND	10	2.0
Vanadium	07/29/02	ND	NLE	0.5
Zinc	07/29/02	218	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2044707
Sample Received: 07/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/29/02	115	200	10.0
Antimony	07/29/02	ND	20	2.0
Arsenic	07/29/02	ND	8	2.0
Barium	07/29/02	243	2000	0.5
Beryllium	07/29/02	ND	20	0.5
Cadmium	07/29/02	ND	4	0.5
Calcium	07/29/02	198000	NLE	20.0
Chromium	07/29/02	2.27	100	0.5
Cobalt	07/29/02	0.694	NLE	0.5
Copper	07/29/02	8.38	1000	2.0
Iron	07/29/02	10700	300	10.0
Lead	07/29/02	1.56	10	1.0
Magnesium	07/29/02	115000	NLE	10.0
Manganese	07/29/02	730	50	0.5
Mercury	07/30/02	ND	2	0.1
Nickel	07/29/02	ND	100	1.0
Potassium	07/29/02	42500	NLE	40.0
Selenium	07/29/02	13.7	50	3.0
Silver	07/29/02	ND	20	1.0
Sodium	07/29/02	944000	50000	20.0
Thallium	07/29/02	ND	10	2.0
Vanadium	07/29/02	1.96	NLE	0.5
Zinc	07/29/02	226	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2044708
Sample Received: 07/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/29/02	335	200	10.0
Antimony	07/29/02	ND	20	2.0
Arsenic	07/29/02	3.27	8	2.0
Barium	07/29/02	326	2000	0.5
Beryllium	07/29/02	ND	20	0.5
Cadmium	07/29/02	ND	4	0.5
Calcium	07/29/02	102000	NLE	20.0
Chromium	07/29/02	0.963	100	0.5
Cobalt	07/29/02	0.942	NLE	0.5
Copper	07/29/02	10.1	1000	2.0
Iron	07/29/02	35900	300	10.0
Lead	07/29/02	3.49	10	1.0
Magnesium	07/29/02	21900	NLE	10.0
Manganese	07/29/02	686	50	0.5
Mercury	07/30/02	ND	2	0.1
Nickel	07/29/02	ND	100	1.0
Potassium	07/29/02	9100	NLE	40.0
Selenium	07/29/02	10.7	50	3.0
Silver	07/29/02	ND	20	1.0
Sodium	07/29/02	106000	50000	20.0
Thallium	07/29/02	ND	10	2.0
Vanadium	07/29/02	0.855	NLE	0.5
Zinc	07/29/02	33.4	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2044709
Sample Received: 07/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/29/02	241	200	10.0
Antimony	07/29/02	ND	20	2.0
Arsenic	07/29/02	2.69	8	2.0
Barium	07/29/02	393	2000	0.5
Beryllium	07/29/02	ND	20	0.5
Cadmium	07/29/02	0.567	4	0.5
Calcium	07/29/02	69100	NLE	20.0
Chromium	07/29/02	0.646	100	0.5
Cobalt	07/29/02	2.34	NLE	0.5
Copper	07/29/02	6.53	1000	2.0
Iron	07/29/02	76800	300	10.0
Lead	07/29/02	6.37	10	1.0
Magnesium	07/29/02	14700	NLE	10.0
Manganese	07/29/02	664	50	0.5
Mercury	07/30/02	ND	2	0.1
Nickel	07/29/02	ND	100	1.0
Potassium	07/29/02	9670	NLE	40.0
Selenium	07/29/02	5.61	50	3.0
Silver	07/29/02	ND	20	1.0
Sodium	07/29/02	16100	50000	20.0
Thallium	07/29/02	ND	10	2.0
Vanadium	07/29/02	1.06	NLE	0.5
Zinc	07/29/02	82.1	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2044710
Sample Received: 07/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/29/02	1160	200	10.0
Antimony	07/29/02	ND	20	2.0
Arsenic	07/29/02	ND	8	2.0
Barium	07/29/02	615	2000	0.5
Beryllium	07/29/02	ND	20	0.5
Cadmium	07/29/02	ND	4	0.5
Calcium	07/29/02	111000	NLE	20.0
Chromium	07/29/02	8.29	100	0.5
Cobalt	07/29/02	2.15	NLE	0.5
Copper	07/29/02	3.53	1000	2.0
Iron	07/29/02	63200	300	10.0
Lead	07/29/02	5.01	10	1.0
Magnesium	07/29/02	17300	NLE	10.0
Manganese	07/29/02	572	50	0.5
Mercury	07/30/02	ND	2	0.1
Nickel	07/29/02	ND	100	1.0
Potassium	07/29/02	11300	NLE	40.0
Selenium	07/29/02	7.04	50	3.0
Silver	07/29/02	ND	20	1.0
Sodium	07/29/02	17800	50000	20.0
Thallium	07/29/02	ND	10	2.0
Vanadium	07/29/02	5.76	NLE	0.5
Zinc	07/29/02	33.5	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2044711
Sample Received: 07/16/02
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: 00M3MW11

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/29/02	1600	200	10.0
Antimony	07/29/02	ND	20	2.0
Arsenic	07/29/02	3.64	8	2.0
Barium	07/29/02	339	2000	0.5
Beryllium	07/29/02	ND	20	0.5
Cadmium	07/29/02	13.1	4	0.5
Calcium	07/29/02	148000	NLE	20.0
Chromium	07/29/02	6.93	100	0.5
Cobalt	07/29/02	3.79	NLE	0.5
Copper	07/29/02	50.7	1000	2.0
Iron	07/29/02	47700	300	10.0
Lead	07/29/02	7.25	10	1.0
Magnesium	07/29/02	12400	NLE	10.0
Manganese	07/29/02	698	50	0.5
Mercury	07/30/02	ND	2	0.1
Nickel	07/29/02	54.3	100	1.0
Potassium	07/29/02	7640	NLE	40.0
Selenium	07/29/02	ND	50	3.0
Silver	07/29/02	ND	20	1.0
Sodium	07/29/02	2930	50000	20.0
Thallium	07/29/02	ND	10	2.0
Vanadium	07/29/02	5.22	NLE	0.5
Zinc	07/29/02	1360	5000	5.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Aluminum	Iron	Manganese	Lead	Antimony	Barium	Cadmium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	200	300	50	10	20	2000	4	NLE	NLE	-
05/01/1997	FMETL	330	270	39	ND	-	-	-	-	-	V,S,P,M
08/07/1997	FMETL	139	140	62	0.6	-	-	-	-	-	V,S,P,M
10/16/1997	FMETL	146	2550	64	16	ND	94.5	2.8	48790	6590	V,S,P,M
02/17/1998	FMETL	430	206	56	ND	ND	84.5	2.2	26330	8530	V,S,P,M
05/05/1998	FMETL	461	433	6.6	ND	9	38	0.6	7004	7252	V,S,P,M
07/07/1998	FMETL	877	4990	39.4	ND	5.24	131	2.41	44100	8620	V,S,P,M
10/27/1998	FMETL	121	1260	41.8	ND	8.54	126	3.78	42500	6710	V,S,P,M
03/01/1999	FMETL	815	2390	27.2	2.28	3.95	91	1.91	27800	8940	V,S,P,M
06/11/1999	FMETL	244	1030	55.7	ND	ND	150	3.34	58600	9670	V,S,P,M
07/27/1999	FMETL	137	515	72.6	ND	2.41	159	4.70	66400	9170	V,S,P,M
10/26/1999	FMETL	111	2270	44.4	ND	ND	112	2.23	36900	5680	V,S,P,M
03/02/2000	FMETL	219	1390	40.8	ND	ND	137	3.10	46500	11600	V,S,P,M
03/02/2000D	FMETL	367	1910	153	ND	10.4	156	4.16	51100	21400	V,S,P,M
06/01/2000	FMETL	281	1390	22.4	2.93	3.10	71.8	0.909	28000	9760	V,S,P,M
08/28/2000	FMETL	231	3960	49.4	1.37	ND	176	3.25	55600	10300	V,S,P,M
08/28/2000D	FMETL	431	4710	48.9	1.91	ND	177	3.17	54500	10400	V,S,P,M
11/07/2000	FMETL	129	4940	54.4	ND	ND	200	2.81	48900	10300	V,S,P,M
02/14/2001	FMETL	148	2990	42.1	ND	ND	127	ND	40000	9910	V,S,P,M
02/14/2001D	FMETL	177	5310	44.0	ND	ND	133	ND	41500	9970	V,S,P,M
05/17/2001	FMETL	253	2370	12.5	ND	ND	54.0	0.990	13700	6960	V,S,P,M
05/17/2001D	FMETL	241	2570	19.0	ND	ND	75.7	1.42	19800	7440	V,S,P,M
09/06/2001	FMETL	ND	4370	61.8	2.20	ND	165	2.41	52600	9190	V,S,P,M
11/15/2001	FMETL	ND	1140	54.8	2.49	ND	109	2.67	50400	6860	V,S,P,M
11/15/2001D	FMETL	58.3	1050	54.2	2.20	ND	111	3.15	50400	6850	V,S,P,M
01/16/2002	FMETL	52.9	1120	205	ND	ND	153	3.75	63300	10100	V,S,P,M
04/24/2002	FMETL	57.2	262	71.2	ND	3.80	166	3.95	68400	10100	V,S,P,M
07/16/2002	FMETL	139	620	77.8	ND	ND	185	3.81	70400	10300	V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
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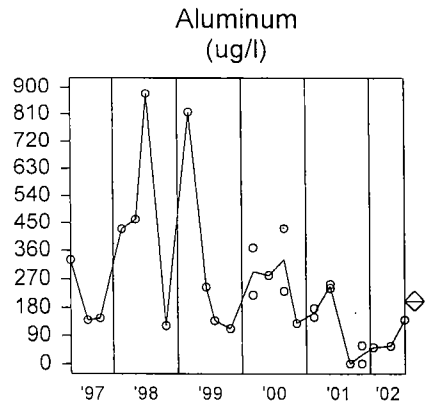

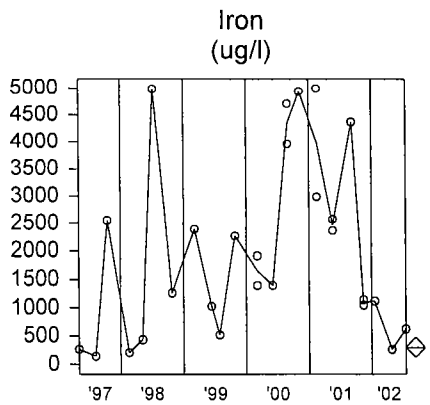

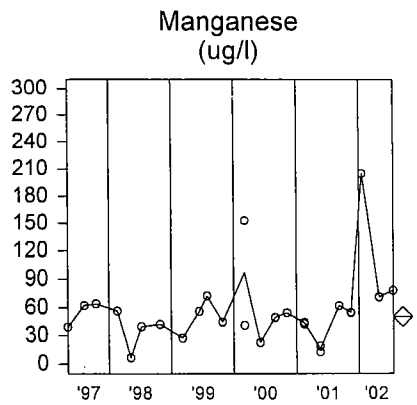

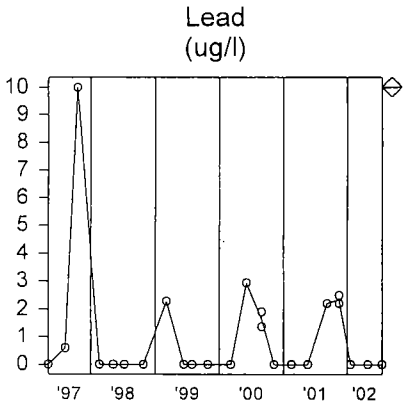

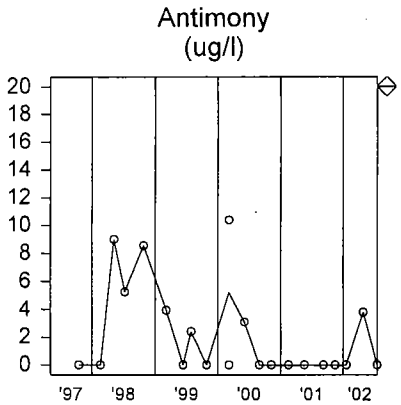

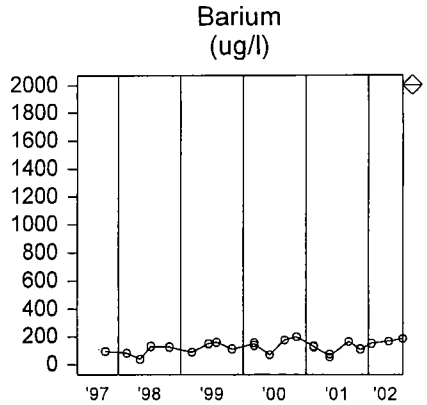

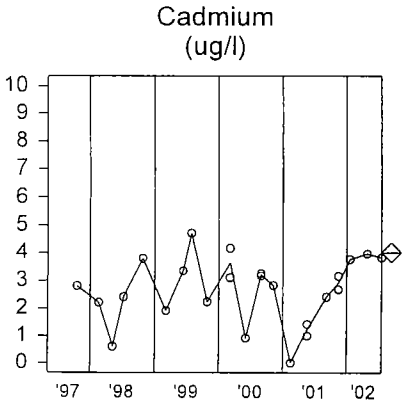

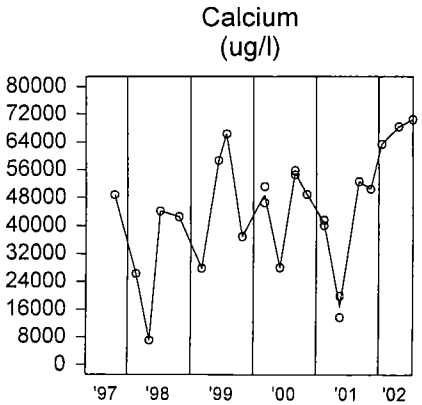

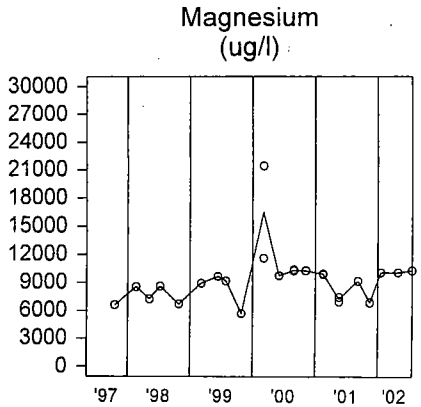

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 07/16/2002

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-27-2002 X:\MtechData\M-3\M-3.wsf

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
05/01/1997	FMETL	-	-	-	-	10.55					V,S,P,M
08/07/1997	FMETL	-	-	-	-	13.30					V,S,P,M
10/16/1997	FMETL	25.3	8040	18650	124	14.10					V,S,P,M
02/17/1998	FMETL	36	5700	16740	88	8.80					V,S,P,M
05/05/1998	FMETL	19.9	3590	13730	89.8	9.40					V,S,P,M
07/07/1998	FMETL	46	11000	19200	129	12.26					V,S,P,M
10/27/1998	FMETL	41.6	10500	16200	46	14.51					V,S,P,M
03/01/1999	FMETL	34.1	5920	21400	106	11.25					V,S,P,M
06/11/1999	FMETL	48.9	9210	27300	60.5	13.21					V,S,P,M
07/27/1999	FMETL	38.8	9770	23100	56.7	13.96					V,S,P,M
10/26/1999	FMETL	28.2	6850	21400	27.6	13.41					V,S,P,M
03/02/2000	FMETL	66.5	6880	29600	173	11.95					V,S,P,M
03/02/2000D	FMETL	73.5	7560	32900	159	11.95					V,S,P,M
06/01/2000	FMETL	53.5	4950	25800	124	11.92					V,S,P,M
08/28/2000	FMETL	50.8	8610	28500	94.1	11.89					V,S,P,M
08/28/2000D	FMETL	51.9	8550	29000	97.3	11.89					V,S,P,M
11/07/2000	FMETL	69.7	8230	30300	91.5	12.91					V,S,P,M
02/14/2001	FMETL	37.0	5950	21400	68.4	9.93					V,S,P,M
02/14/2001D	FMETL	38.1	6140	21600	70.9	9.93					V,S,P,M
05/17/2001	FMETL	25.9	3100	18600	83.2	11.52					V,S,P,M
05/17/2001D	FMETL	30.8	3850	19400	85.7	11.52					V,S,P,M
09/06/2001	FMETL	51.7	8490	24600	70.1	13.77					V,S,P,M
11/15/2001	FMETL	22.7	8200	19900	27.0	14.45					V,S,P,M
11/15/2001D	FMETL	21.2	8460	18900	32.7	14.45					V,S,P,M
01/16/2002	FMETL	38.0	11800	32700	51.4	14.60					V,S,P,M
04/24/2002	FMETL	41.8	10300	24600	41.1	12.79					V,S,P,M
07/16/2002	FMETL	46.5	9060	24400	57.3	13.39					V,S,P,M

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 07/16/2002

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FORT MONMOUTH

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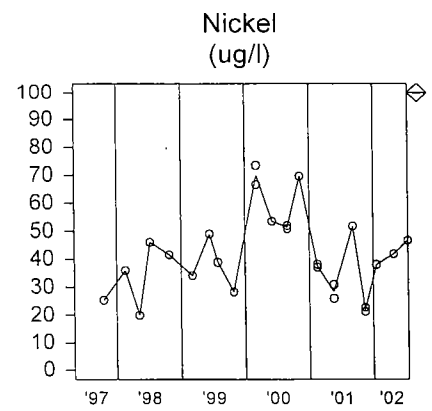

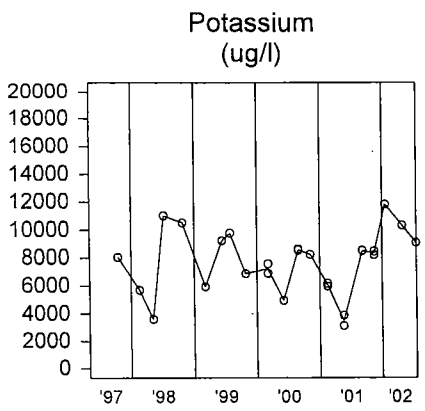

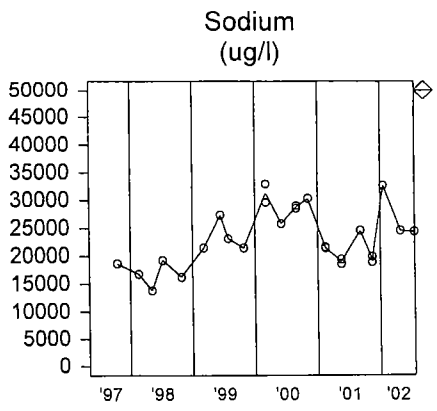

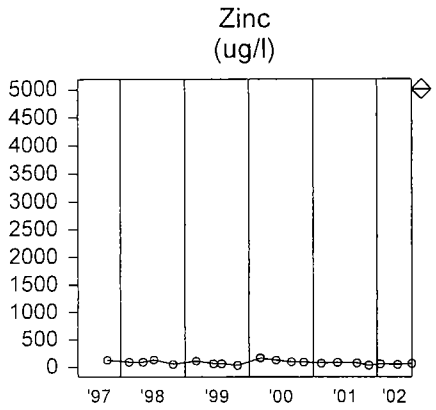

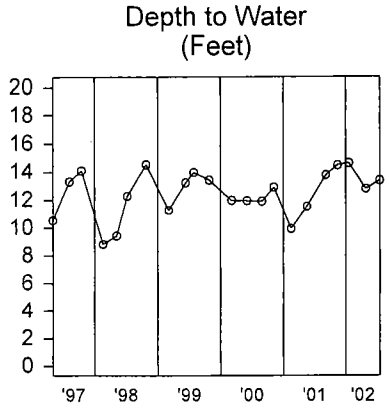

SOURCE: 00M3MW04

Sampling Dates:
05/01/1997 - 07/16/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Source 1 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Chloro benzene	2-Methyl naphtha lene	Acenaph thene	Fluorene	Phen anthrene	Aluminum	Iron	Manganese	Lead	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	NLE	400	300	NLE	200	300	50	10	-
05/01/1997	FMETL	3.82	1.64	1.31	1.03	1.35	27	73000	440	ND	V,S,P,M
08/07/1997	FMETL	7.28	1.82	1.31	ND	1.08	182	187600	503	20.5	V,S,P,M
10/16/1997	FMETL	6.70	2.08	1.70	1.13	1.57	ND	ND	ND	ND	V,S,P,M
02/17/1998	FMETL	4.66	1.33	1.78	1.13	1.40	149	70470	425	6.0	V,S,P,M
05/05/1998	FMETL	7.33	ND	ND	ND	ND	ND	84560	409	ND	V,S,P,M
07/07/1998	FMETL	9.23	1.80	1.52	1.06	1.01	22.3	65400	399	4.54	V,S,P,M
10/27/1998	FMETL	5.05	ND	ND	ND	2.32	ND	67300	421	ND	V,S,P,M
03/01/1999	FMETL	5.19	1.57	2.44	ND	2.27	13.4	75500	409	3.15	V,S,P,M
06/11/1999	FMETL	5.60	ND	1.04	ND	1.13	ND	70000	440	ND	V,S,P,M
07/27/1999	FMETL	5.21	1.49	1.47	ND	ND	15.0	76500	501	ND	V,S,P,M
10/26/1999	FMETL	5.39	2.00	2.20	1.65	2.14	31	66500	395	ND	V,S,P,M
03/02/2000	FMETL	4.09	1.29	1.74	1.29	1.45	16.3	74000	417	ND	V,S,P,M
06/01/2000	FMETL	4.32	1.27	1.63	1.20	1.30	13.2	73900	430	ND	V,S,P,M
08/28/2000	FMETL	5.72	1.54	1.92	1.40	ND	101	69900	382	1.98	V,S,P,M
11/07/2000	FMETL	5.41	1.40	1.47	1.03	ND	ND	67700	429	ND	V,S,P,M
02/14/2001	FMETL	3.33	ND	ND	ND	ND	ND	66300	426	ND	V,S,P,M
05/17/2001	FMETL	4.94	ND	1.52	1.03	ND	21.5	62100	401	6.33	V,S,P,M
09/06/2001	FMETL	5.88	1.39	1.72	1.03	ND	ND	68800	433	5.83	V,S,P,M
11/15/2001	FMETL	4.00	ND	ND	ND	ND	ND	75800	460	9.87	V,S,P,M
01/16/2002	FMETL	3.69	ND	1.16	ND	ND	ND	78400	684	4.05	V,S,P,M
04/24/2002	FMETL	4.14	ND	1.36	ND	ND	ND	77500	516	3.51	V,S,P,M
07/16/2002	FMETL	3.81	ND	1.62	1.11	ND	32.6	71900	448	6.07	V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
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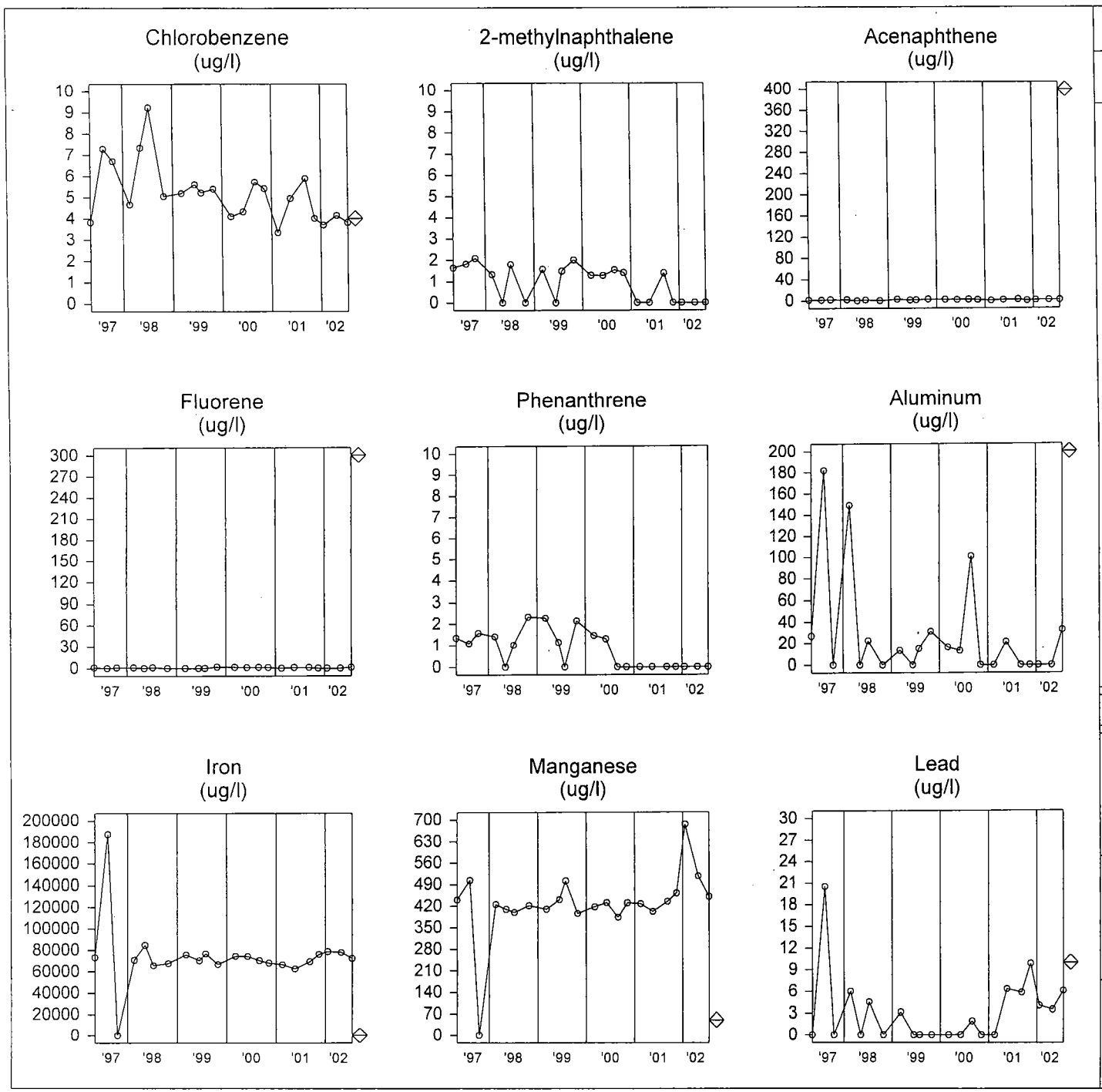
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M3MW05

Sampling Dates:
05/01/1997 - 07/16/2002

LEGEND:

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-27-2002 X:\MtechData\M-3\M-3.wsf

	Lab	Barium	Calcium	Magnesium	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	2000	NLE	NLE	NLE	50000	5000	-			-
05/01/1997	FMETL	-	-	-	-	-	-	7.90			V,S,P,M
08/07/1997	FMETL	-	-	-	-	-	-	8.85			V,S,P,M
10/16/1997	FMETL	627.3	90160	14600	12350	17370	44	9.10			V,S,P,M
02/17/1998	FMETL	664	96030	15840	13960	16070	ND	7.70			V,S,P,M
05/05/1998	FMETL	637	89180	14300	15490	16640	2.2	7.76			V,S,P,M
07/07/1998	FMETL	555	90100	13800	15100	9510	18.8	8.66			V,S,P,M
10/27/1998	FMETL	636	88000	14000	14100	11800	ND	9.64			V,S,P,M
03/01/1999	FMETL	638	97800	15800	11400	17300	3.68	8.47			V,S,P,M
06/11/1999	FMETL	566	89600	14700	10800	16800	ND	9.13			V,S,P,M
07/27/1999	FMETL	655	90500	15000	10900	18000	13.7	9.49			V,S,P,M
10/26/1999	FMETL	625	85700	13900	10800	15800	5.69	8.77			V,S,P,M
03/02/2000	FMETL	647	95000	15700	10800	15500	17	8.45			V,S,P,M
06/01/2000	FMETL	693	98200	16600	10700	15000	13.2	8.53			V,S,P,M
08/28/2000	FMETL	630	94800	15800	11900	15600	23.8	8.31			V,S,P,M
11/07/2000	FMETL	686	91500	15300	10500	16100	21.3	9.00			V,S,P,M
02/14/2001	FMETL	639	99300	17300	10700	16200	5.86	7.14			V,S,P,M
05/17/2001	FMETL	557	89700	15600	9670	14700	15.5	8.68			V,S,P,M
09/06/2001	FMETL	663	89700	15200	9840	16100	12.7	9.32			V,S,P,M
11/15/2001	FMETL	650	90800	15400	10400	18800	30.1	9.69			V,S,P,M
01/16/2002	FMETL	673	95300	16600	11300	21000	49.4	9.21			V,S,P,M
04/24/2002	FMETL	627	102000	17700	11000	17200	11.0	8.75			V,S,P,M
07/16/2002	FMETL	665	94900	16300	10200	18500	14.8	9.24			V,S,P,M

SOURCE: 00M3MW05

Sampling Dates:
05/01/1997 - 07/16/2002

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FORT MONMOUTH

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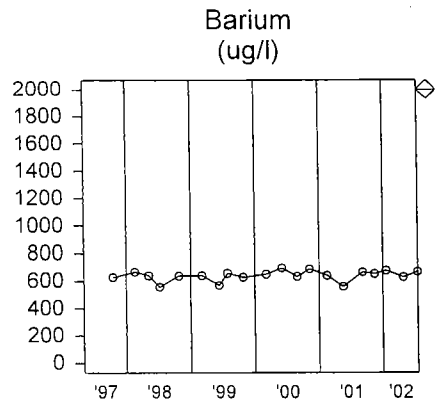

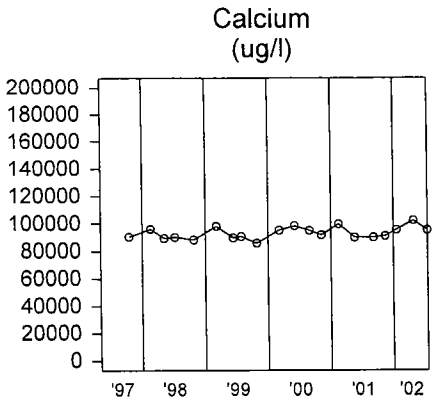

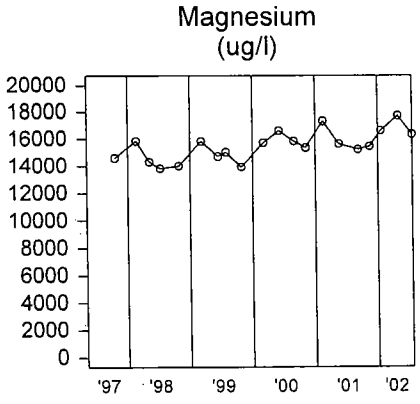

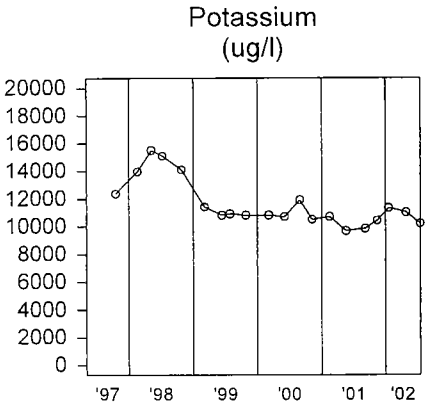

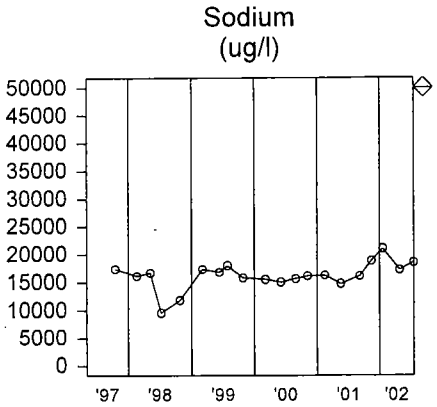

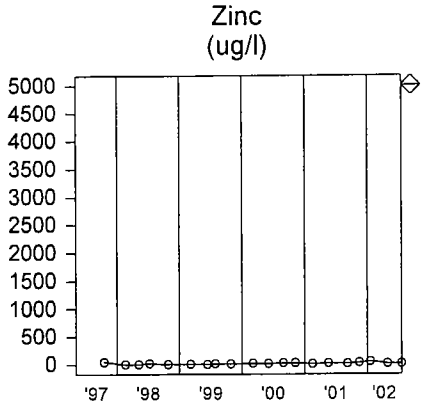

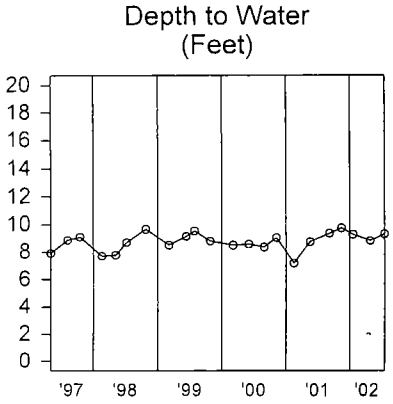

SOURCE: 00M3MW05

Sampling Dates:
05/01/1997 - 07/16/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 2 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Chloro benzene	Iron	Manganese	Lead	Antimony	Barium	Calcium	Magnesium	Nickel	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	300	50	10	20	2000	NLE	NLE	100	-
05/01/1997	FMETL	ND	10500	320	ND	-	-	-	-	-	V,S,P,M
08/07/1997	FMETL	2.65	31020	565	1.4	-	-	-	-	-	V,S,P,M
10/16/1997	FMETL	4.41	37600	623	8.0	ND	57.2	69170	19300	2.3	V,S,P,M
02/17/1998	FMETL	ND	10740	639	ND	4	66	94830	22740	18	V,S,P,M
05/05/1998	FMETL	ND	6992	362	ND	5.4	40	74040	16680	10	V,S,P,M
07/07/1998	FMETL	2.65	20900	555	ND	2.9	73.6	126000	29200	0.579	V,S,P,M
10/27/1998	FMETL	5.34	26800	449	ND	5.31	29.7	38600	12200	3.8	V,S;P,M
03/01/1999	FMETL	1.93	35500	1010	4.01	4.8	149	159000	33300	18.9	V,S,P,M
06/11/1999	FMETL	ND	23500	687	ND	ND	114	119000	28300	3.55	V,S,P,M
07/27/1999	FMETL	4.59	43900	785	3.08	ND	76.2	63900	19000	6.40	V,S,P,M
10/26/1999	FMETL	2.16	12900	711	ND	2.3	138	165000	34300	27.5	V,S,P,M
03/02/2000	FMETL	1.90	20800	903	ND	ND	133	184000	36700	10.4	V,S,P,M
06/01/2000	FMETL	2.05	22300	877	ND	2.29	153	173000	38300	11.8	V,S,P,M
08/28/2000	FMETL	3.18	19400	676	2.56	3.66	111	124000	31200	ND	V,S,P,M
11/07/2000	FMETL	2.52	13600	534	ND	ND	114	115000	26600	ND	V,S,P,M
02/14/2001	FMETL	1.65	13600	623	ND	2.32	64.1	107000	24199	7.15	V,S,P,M
05/17/2001	FMETL	2.25	12200	517	ND	ND	56.1	87100	22700	4.40	V,S,P,M
09/06/2001	FMETL	2.98	13400	391	1.36	ND	31.5	59200	14100	5.87	V,S,P,M
11/15/2001	FMETL	5.24	46500	902	3.35	ND	86.4	130000	38300	17.6	V,S,P,M
01/16/2002	FMETL	3.09	25200	989	ND	ND	103	167000	37000	15.0	V,S,P,M
04/24/2002	FMETL	1.47	18500	913	1.89	2.51	87.5	184000	38600	39.8	V,S,P,M
07/16/2002	FMETL	2.34	44200	889	2.24	ND	61.1	138000	30600	10.8	V,S,P,M

SOURCE: 00M3MW06

Sampling Dates:
05/01/1997 - 07/16/2002

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FORT MONMOUTH

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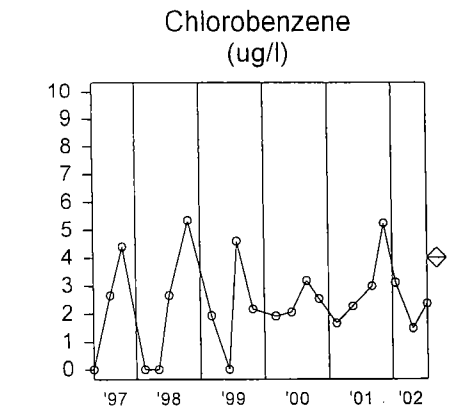
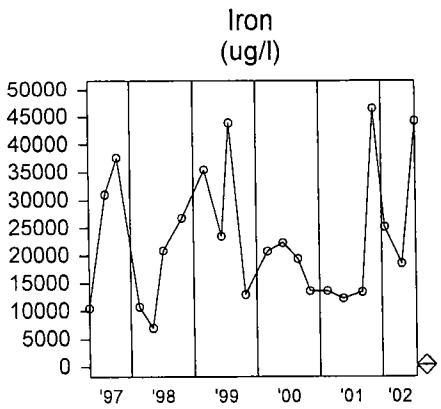
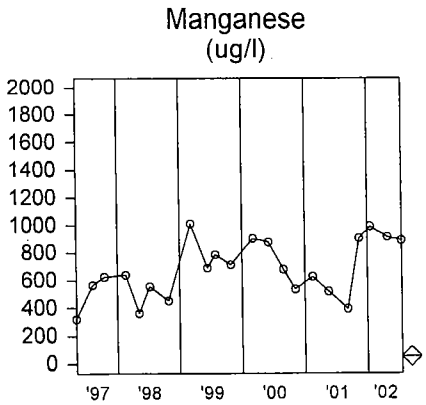
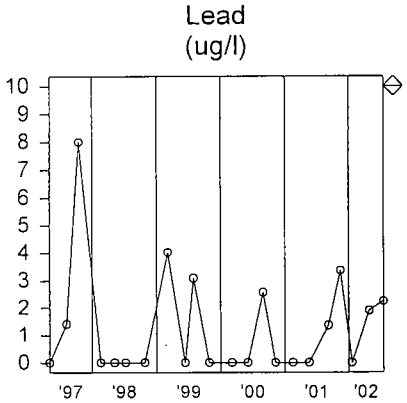
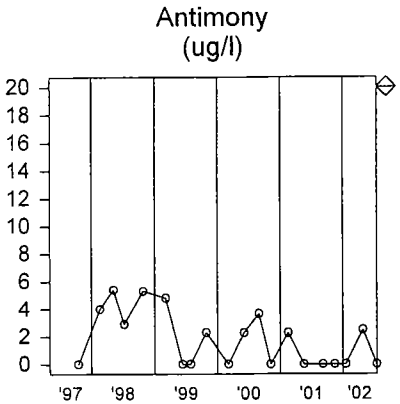
FORT MONMOUTH
SELFM-PW-EV

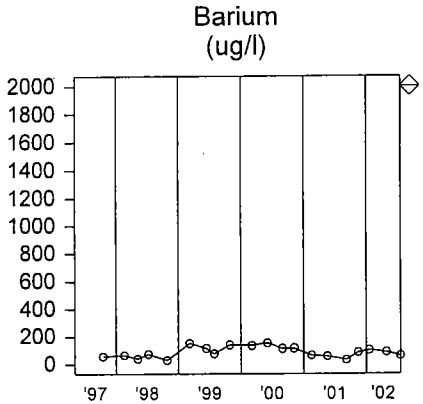


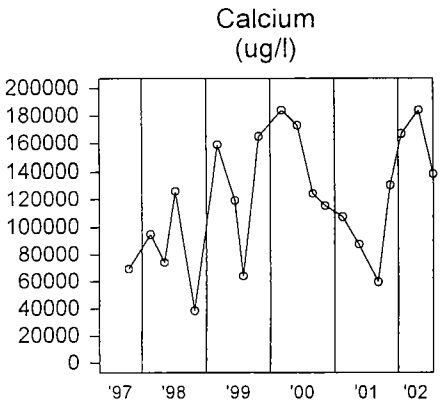


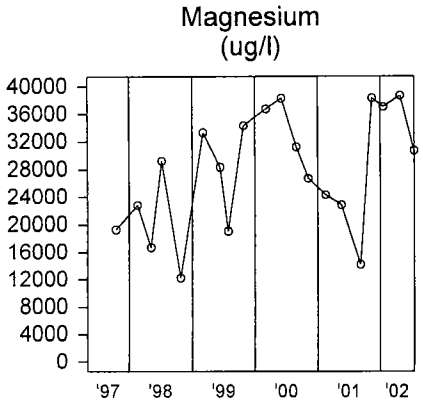


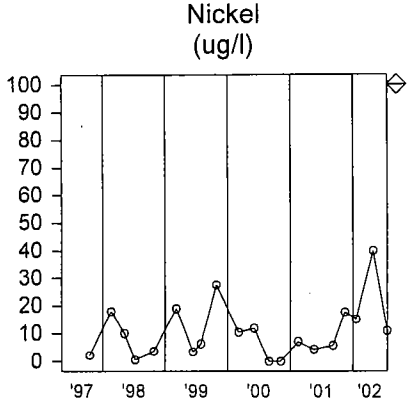












SOURCE: 00M3MW06

Sampling Dates:
05/01/1997 - 07/16/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 3 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-27-2002 X:\MtechData\M-3\M-3.wsf

	Lab	Potassium	Sodium	Zinc	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	NLE	50000	5000	-						-
05/01/1997	FMETL	-	-	-	8.00						V,S,P,M
08/07/1997	FMETL	-	-	-	9.05						V,S,P,M
10/16/1997	FMETL	8720	ND	68	9.30						V,S,P,M
02/17/1998	FMETL	10450	40910	302	7.85						V,S,P,M
05/05/1998	FMETL	9163	25680	150	7.90						V,S,P,M
07/07/1998	FMETL	12600	15100	40.5	8.60						V,S,P,M
10/27/1998	FMETL	8430	18200	80	9.61						V,S,P,M
03/01/1999	FMETL	10800	26200	467	8.78						V,S,P,M
06/11/1999	FMETL	10700	21500	44.9	9.05						V,S,P,M
07/27/1999	FMETL	9810	25600	164	9.57						V,S,P,M
10/26/1999	FMETL	11900	37400	416	8.07						V,S,P,M
03/02/2000	FMETL	10300	17600	177	8.30						V,S,P,M
06/01/2000	FMETL	10600	15200	55.4	8.44						V,S,P,M
08/28/2000	FMETL	9570	24100	78.6	8.24						V,S,P,M
11/07/2000	FMETL	10600	23100	47.5	8.56						V,S,P,M
02/14/2001	FMETL	7130	13800	203	8.09						V,S,P,M
05/17/2001	FMETL	7320	14100	91.7	8.43						V,S,P,M
09/06/2001	FMETL	5360	15800	189	9.25						V,S,P,M
11/15/2001	FMETL	11500	134000	416	9.45						V,S,P,M
01/16/2002	FMETL	12000	63300	544	8.94						V,S,P,M
04/24/2002	FMETL	9940	35500	1420	8.38						V,S,P,M
07/16/2002	FMETL	8470	33300	218	9.07						V,S,P,M

SOURCE: 00M3MW06

Sampling Dates:
05/01/1997 - 07/16/2002

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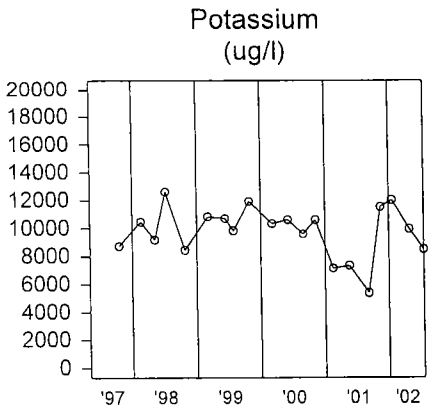
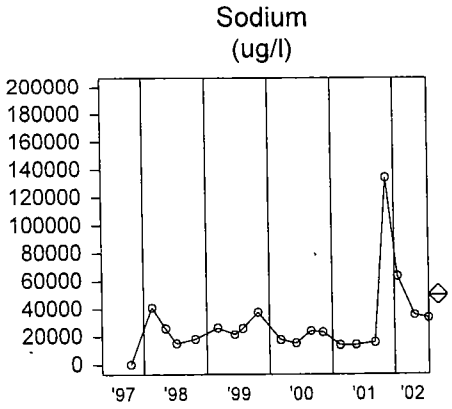
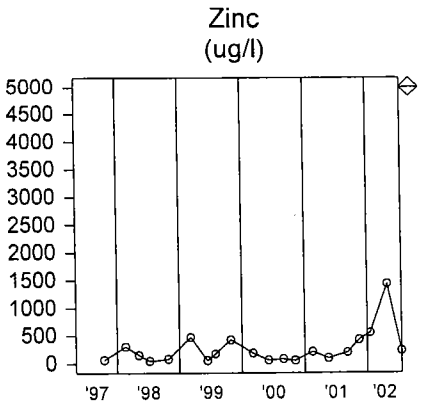
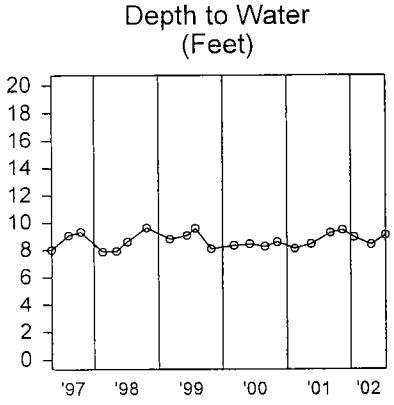
SELFM-PW-EV









SOURCE: 00M3MW06

Sampling Dates:
05/01/1997 - 07/16/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Source 3 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Vinyl chloride	csi-1,2-Dichloro ethene	Aluminum	Iron	Manganese	Lead	Barium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	5	10	200	300	50	10	2000	NLE	NLE	-
10/07/1998	FMETL	ND	ND	4810	41900	710	23	126	106000	91100	V,S,P,M
10/23/1998	FMETL	8.93	3.58	1820	56700	1200	6.23	235	204000	165000	V,S,P,M
03/01/1999	FMETL	2.76	4.05	2350	78400	1080	13.7	516	251000	113000	V,S,P,M
06/11/1999	FMETL	ND	ND	2990	34500	823	8.33	372	252000	101000	V,S,P,M
07/27/1999	FMETL	4.22	2.61	1480	36900	998	5.66	492	292000	156000	V,S,P,M
10/26/1999	FMETL	ND	ND	2490	35100	1060	7.59	807	398000	261000	V,S,P,M
03/02/2000	FMETL	ND	ND	3400	36600	817	8.94	580	271000	136000	V,S,P,M
06/01/2000	FMETL	ND	ND	362	17500	650	3.75	280	210000	90300	V,S,P,M
08/28/2000	FMETL	ND	1.80	333	20500	949	1.25	336	213000	116000	V,S,P,M
11/07/2000	FMETL	17.64	15.81	745	21300	898	18.0	303	186000	101000	V,S,P,M
11/07/2000D	FMETL	17.69	15.47	685	21200	903	1.96	302	192000	106000	V,S,P,M
02/14/2001	FMETL	4.22	3.75	67.6	17100	697	ND	221	164000	77700	V,S,P,M
05/17/2001	FMETL	5.20	2.29	258	9680	811	7.12	135	149000	49900	V,S,P,M
09/06/2001	FMETL	19.03	35.99	328	16800	651	14.1	155	130000	67600	V,S,P,M
11/15/2001	FMETL	7.58	9.62	ND	17500	1290	5.46	442	304000	220000	V,S,P,M
01/16/2002	FMETL	5.36	2.14	628	31300	1240	8.11	870	381000	355000	V,S,P,M
04/24/2002	FMETL	ND	17.06	734	13000	891	6.57	300	255000	150000	V,S,P,M
07/16/2002	FMETL	17.82	24.71	115	10700	730	1.56	243	198000	115000	V,S,P,M

SOURCE: 00M3MW07

Sampling Dates:
10/07/1998 - 07/16/2002

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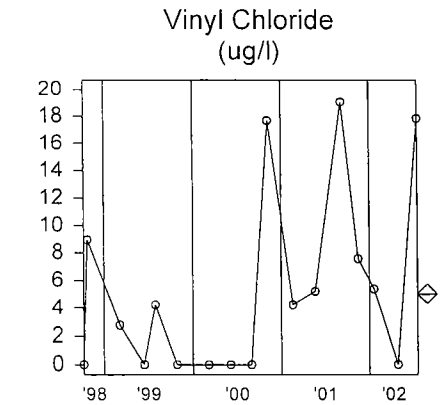
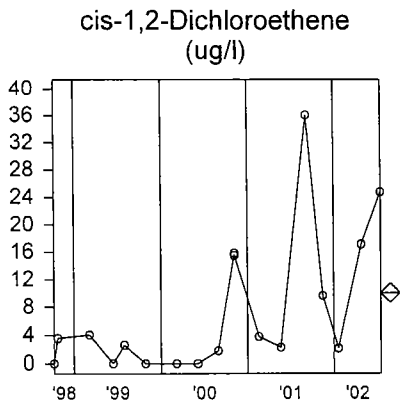
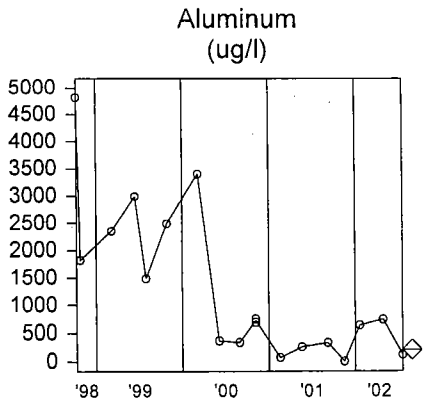
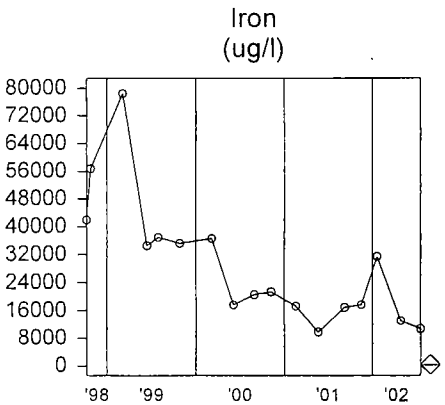
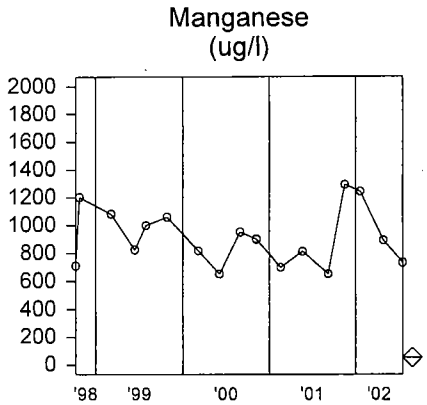
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

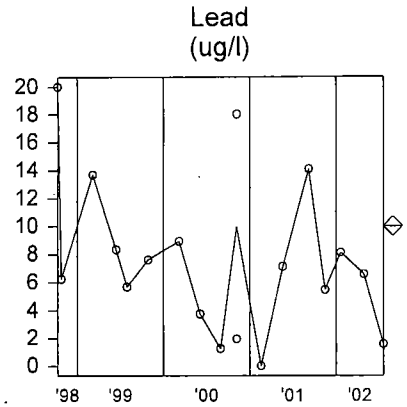


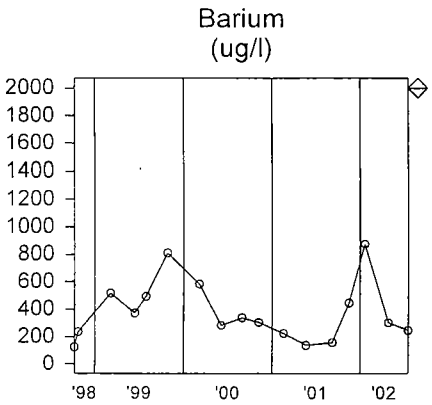


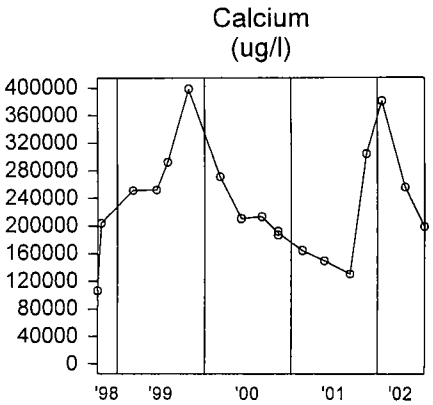


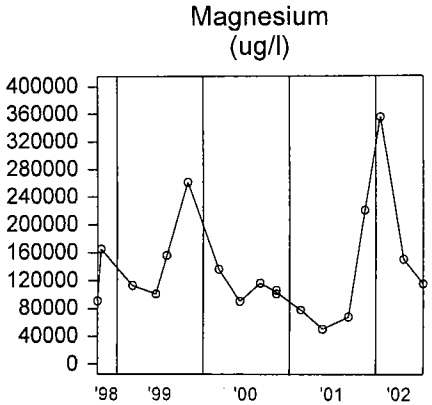












SOURCE: 00M3MW07

Sampling Dates:
10/07/1998 - 07/16/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 4 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-27-2002 X:\MtechData\M-3\M-3.wsf

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
10/07/1998	FMETL	5.7	40900	579000	125	9.67					V,S,P,M
10/23/1998	FMETL	1.32	64200	1300000	28.1	10.46					V,S,P,M
03/01/1999	FMETL	5.98	36400	858000	1090	8.72					V,S,P,M
06/11/1999	FMETL	2.36	33900	709000	571	9.47					V,S,P,M
07/27/1999	FMETL	4.74	48500	1050000	273	10.39					V,S,P,M
10/26/1999	FMETL	4.06	99900	1800000	723	10.35					V,S,P,M
03/02/2000	FMETL	8.92	57000	1070000	817	9.56					V,S,P,M
06/01/2000	FMETL	8.86	32200	630000	341	9.24					V,S,P,M
08/28/2000	FMETL	ND	38000	1010000	222	9.17					V,S,P,M
11/07/2000	FMETL	1.14	42400	828000	571	9.61					V,S,P,M
11/07/2000D	FMETL	ND	41100	863000	348	9.61					V,S,P,M
02/14/2001	FMETL	ND	25800	468000	89.3	10.03					V,S,P,M
05/17/2001	FMETL	1.46	17900	254000	288	10.29					V,S,P,M
09/06/2001	FMETL	10.9	27500	382000	524	10.45					V,S,P,M
11/15/2001	FMETL	ND	75400	1720000	347	9.98					V,S,P,M
01/16/2002	FMETL	2.54	132000	2930000	780	10.33					V,S,P,M
04/24/2002	FMETL	ND	58600	871000	407	9.01					V,S,P,M
07/16/2002	FMETL	ND	42500	944000	226	10.44					V,S,P,M

SOURCE: 00M3MW07

Sampling Dates:
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FORT MONMOUTH

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FORT MONMOUTH
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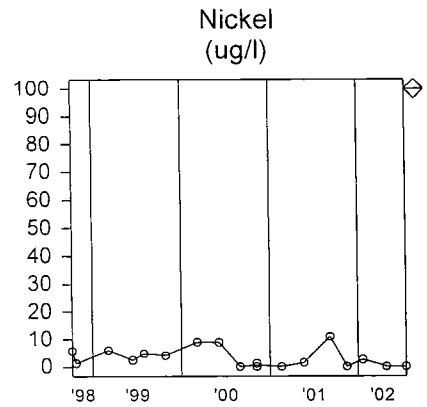

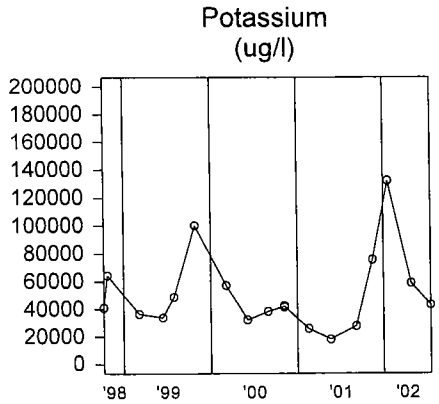

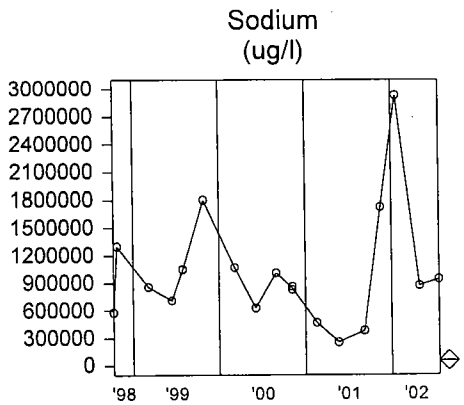

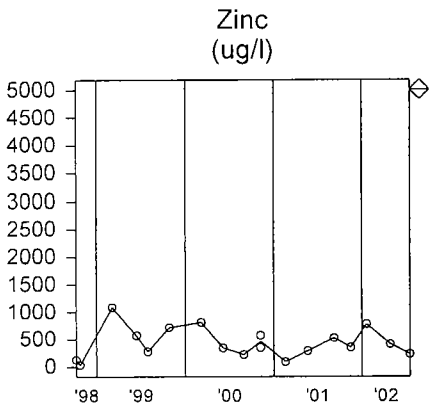

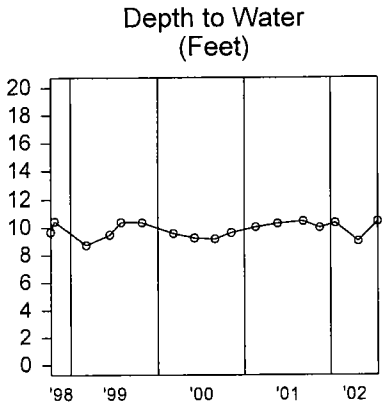

SOURCE: 00M3MW07

Sampling Dates:
10/07/1998 - 07/16/2002

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Lead	Barium	Calcium	Magnesium	Nickel	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	200	300	50	10	2000	NLE	NLE	100	-
10/20/1998	FMETL	1.01	235	55500	1100	5.12	429	132000	37600	8.49	V,S,P,M
11/02/1998	FMETL	1.37	7030	88700	511	19.7	749	115000	19000	6.98	V,S,P,M
03/01/1999	FMETL	1.55	852	54700	768	9.22	271	105000	24700	2.98	V,S,P,M
06/11/1999	FMETL	ND	747	36600	645	2.53	249	88600	16900	ND	V,S,P,M
07/27/1999	FMETL	1.59	1530	44200	855	4.49	404	122000	29000	2.90	V,S,P,M
10/26/1999	FMETL	1.66	347	39400	1210	2.63	559	214000	81000	2.25	V,S,P,M
03/02/2000	FMETL	1.44	395	37100	527	ND	274	87400	27400	5.3	V,S,P,M
06/01/2000	FMETL	ND	119	41700	575	5.57	233	81300	19300	11.1	V,S,P,M
08/28/2000	FMETL	1.85	173	45600	722	2.29	352	100000	19200	ND	V,S,P,M
11/07/2000	FMETL	2.08	276	54900	782	55.3	413	101000	17700	7.62	V,S,P,M
02/14/2001	FMETL	ND	138	62200	629	ND	380	72600	16500	ND	V,S,P,M
05/17/2001	FMETL	1.78	62.5	43500	616	2.57	287	70400	10900	ND	V,S,P,M
09/06/2001	FMETL	1.65	ND	48000	711	8.70	380	83200	11800	3.81	V,S,P,M
11/15/2001	FMETL	1.39	694	89700	1490	5.72	817	246000	86800	ND	V,S,P,M
01/16/2002	FMETL	1.52	368	76400	1530	3.41	815	243000	93000	1.14	V,S,P,M
04/24/2002	FMETL	1.88	309	42500	912	9.72	427	157000	44700	2.29	V,S,P,M
07/16/2002	FMETL	2.04	335	35900	686	3.49	326	102000	21900	ND	V,S,P,M

SOURCE: 00M3MW08

Sampling Dates:
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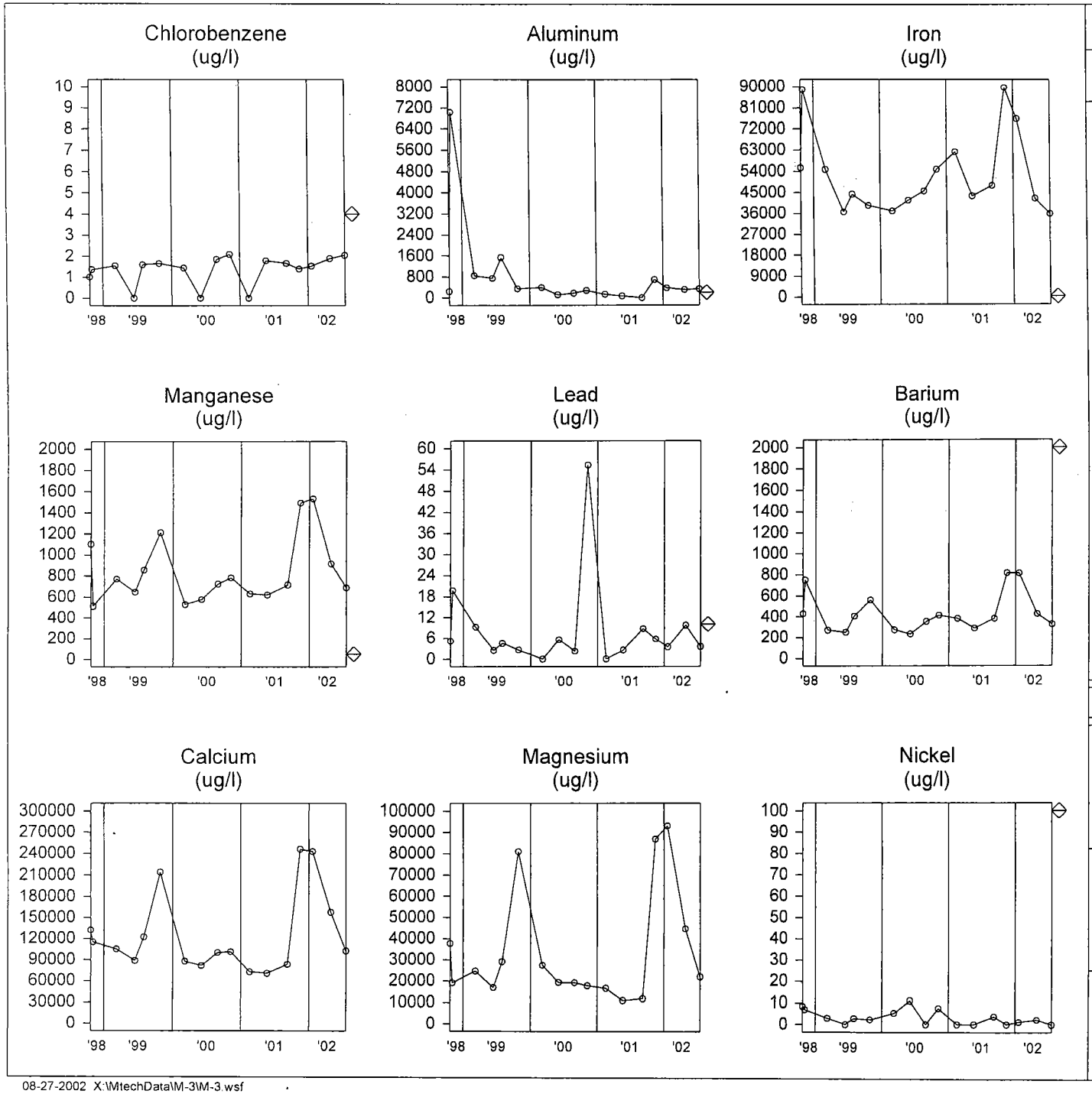
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M3MW08

Sampling Dates:
10/20/1998 - 07/16/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 5 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-27-2002 X:\MtechData\M-3\M-3.wsf

	Lab	Potassium	Sodium	Zinc	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	NLE	50000	5000	-						-
10/20/1998	FMETL	25900	168000	220	7.16						V,S,P,M
11/02/1998	FMETL	24400	12100	107	7.16						V,S,P,M
03/01/1999	FMETL	8910	118000	143	5.71						V,S,P,M
06/11/1999	FMETL	7740	60100	61.6	6.50						V,S,P,M
07/27/1999	FMETL	11500	149000	91.8	6.93						V,S,P,M
10/26/1999	FMETL	22400	593000	30.3	7.60						V,S,P,M
03/02/2000	FMETL	9300	174000	54.7	6.23						V,S,P,M
06/01/2000	FMETL	6610	69800	61.4	5.97						V,S,P,M
08/28/2000	FMETL	7830	63200	35.7	5.65						V,S,P,M
11/07/2000	FMETL	7280	36900	541	6.17						V,S,P,M
02/14/2001	FMETL	5900	32500	25.8	5.62						V,S,P,M
05/17/2001	FMETL	4710	15600	23.8	6.00						V,S,P,M
09/06/2001	FMETL	6250	15200	156	6.60						V,S,P,M
11/15/2001	FMETL	22900	606000	62.3	6.98						V,S,P,M
01/16/2002	FMETL	21300	593000	87.2	7.18						V,S,P,M
04/24/2002	FMETL	17900	324000	93.9	6.13						V,S,P,M
07/16/2002	FMETL	9100	106000	33.4	6.77						V,S,P,M

SOURCE: 00M3MW08

Sampling Dates:
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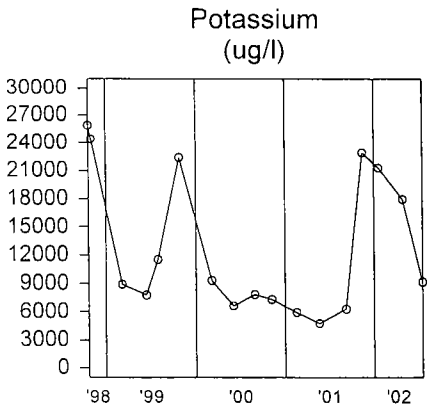
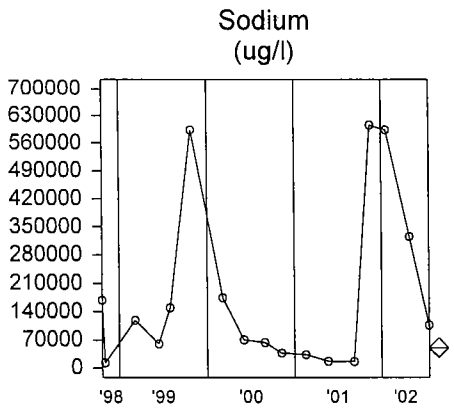
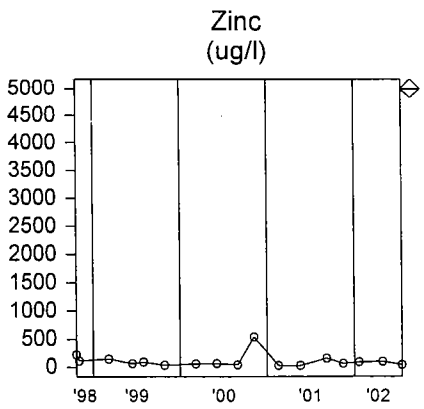
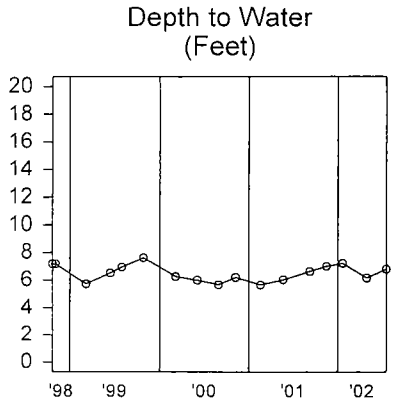
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV









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Sampling Dates:
10/20/1998 - 07/16/2002

LEGEND:

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 5 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-27-2002 X:\MtechData\M-3\M-3.wsf

	Lab	Chloro benzene	1,4-Di chloro benzene	Aluminum	Iron	Manganese	Lead	Barium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	75	200	300	50	10	2000	NLE	NLE	-
10/07/1998	FMETL	16.36	2.73	1040	17400	90.9	ND	73	31200	2520	V,S,P,M
10/23/1998	FMETL	17.33	2.61	1380	73900	476	32.7	371	62600	12900	V,S,P,M
03/01/1999	FMETL	14.25	ND	337	60400	1740	8.46	430	82400	19800	V,S,P,M
06/11/1999	FMETL	10.22	ND	741	64100	595	10.6	332	65400	13300	V,S,P,M
07/27/1999	FMETL	11.69	2.00	ND	31.1	2.12	ND	ND	244	54.5	V,S,P,M
10/26/1999	FMETL	17.37	2.48	832	82100	534	9.02	401	66700	14000	V,S,P,M
03/02/2000	FMETL	15.64	2.27	603	69800	772	2.32	412	72700	16100	V,S,P,M
06/01/2000	FMETL	15.39	2.51	202	70600	758	4.60	414	73800	15900	V,S,P,M
08/28/2000	FMETL	20.54	1.87	257	66500	723	4.72	376	71400	15100	V,S,P,M
11/07/2000	FMETL	16.01	1.46	195	61700	666	ND	417	67900	14300	V,S,P,M
02/14/2001	FMETL	14.74	1.33	73.4	62400	974	ND	402	68800	15500	V,S,P,M
05/17/2001	FMETL	15.66	1.96	97.0	59500	694	2.93	333	59300	12200	V,S,P,M
09/06/2001	FMETL	17.23	2.43	1040	78300	660	34.1	375	63700	14100	V,S,P,M
11/15/2001	FMETL	10.59	1.26	ND	75700	646	6.08	343	73700	19900	V,S,P,M
01/16/2002	FMETL	15.3	1.71	741	83300	693	15.0	395	70400	16500	V,S,P,M
04/24/2002	FMETL	17.79	1.59	239	73000	566	8.19	376	74400	16100	V,S,P,M
07/16/2002	FMETL	12.47	1.50	241	76800	664	6.37	393	69100	14700	V,S,P,M

SOURCE: 00M3MW09

Sampling Dates:
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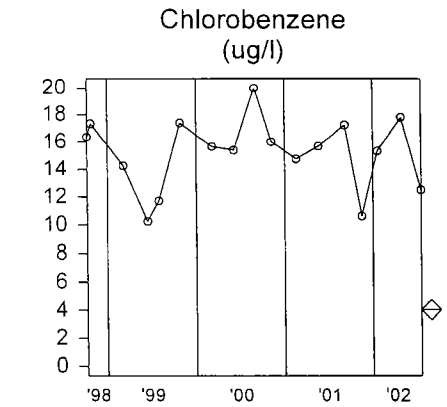

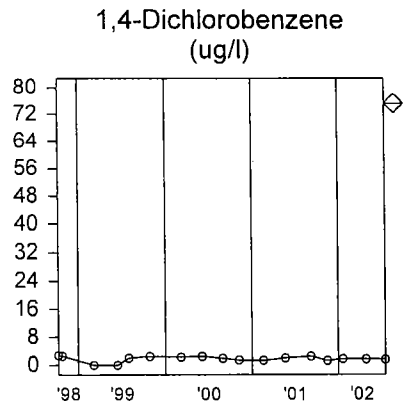

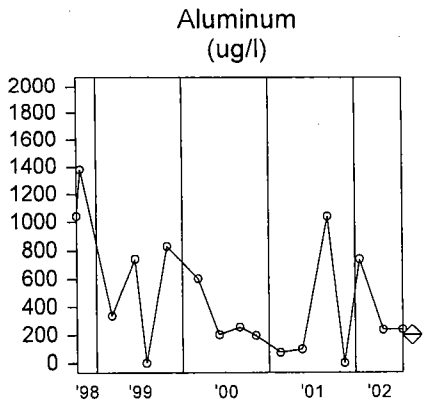

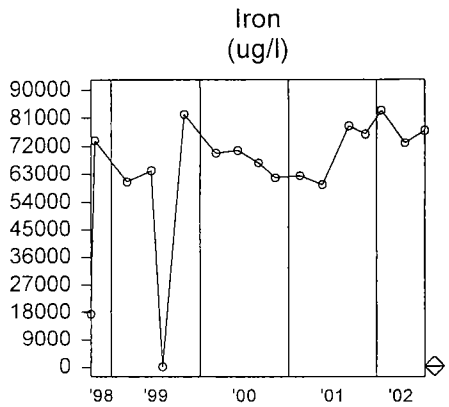

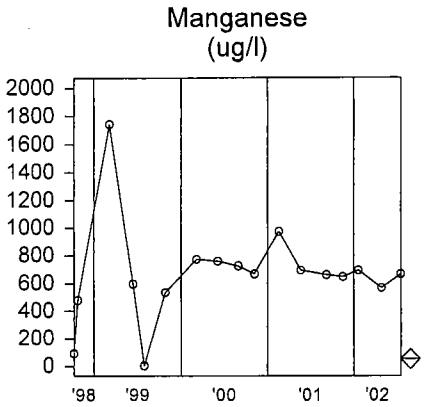

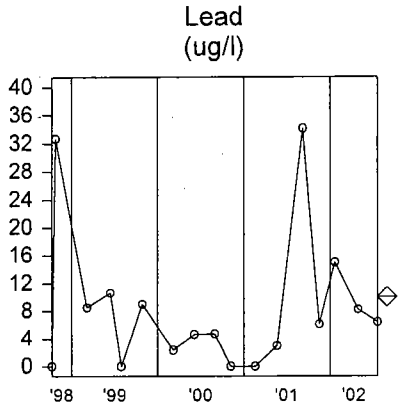

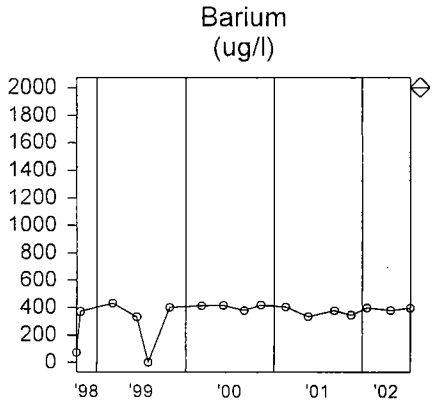

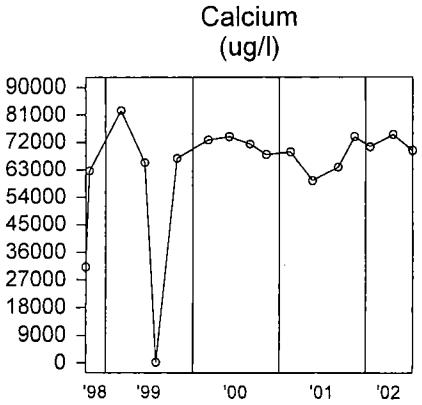

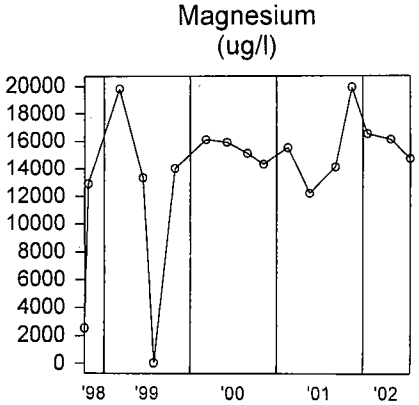

SOURCE: 00M3MW09

Sampling Dates:
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FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-27-2002 X:\MtechData\M-3\M-3.wsf

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
10/07/1998	FMETL	ND	9390	2720	25	11.48					V,S,P,M
10/23/1998	FMETL	3.14	13100	12100	60.6	11.74					V,S,P,M
03/01/1999	FMETL	22.9	13600	46900	1150	10.75					V,S,P,M
06/11/1999	FMETL	ND	9910	16300	109	11.37					V,S,P,M
07/27/1999	FMETL	1.15	292	575	7.07	11.52					V,S,P,M
10/26/1999	FMETL	8.89	10900	27500	212	11.34					V,S,P,M
03/02/2000	FMETL	1.17	9870	17300	84.6	11.23					V,S,P,M
06/01/2000	FMETL	9.28	9480	23200	70.8	11.05					V,S,P,M
08/28/2000	FMETL	ND	10300	14600	50.1	10.73					V,S,P,M
11/07/2000	FMETL	ND	10200	13400	46.9	11.29					V,S,P,M
02/14/2001	FMETL	ND	8840	12100	21.6	11.02					V,S,P,M
05/17/2001	FMETL	ND	8030	13000	52.5	11.11					V,S,P,M
09/06/2001	FMETL	4.13	10100	10200	405	11.38					V,S,P,M
11/15/2001	FMETL	3.78	12200	35500	86.6	11.76					V,S,P,M
01/16/2002	FMETL	1.91	12100	22000	161	12.00					V,S,P,M
04/24/2002	FMETL	ND	12300	21900	71.9	6.05					V,S,P,M
07/16/2002	FMETL	ND	9670	16100	82.1	11.60					V,S,P,M

SOURCE: 00M3MW09

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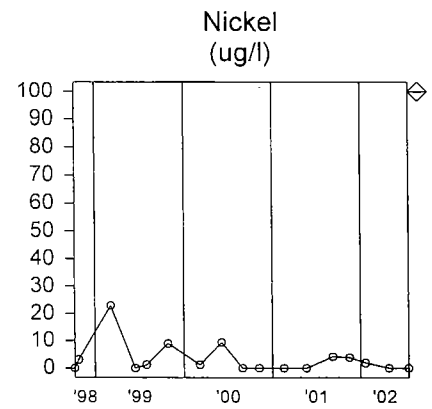
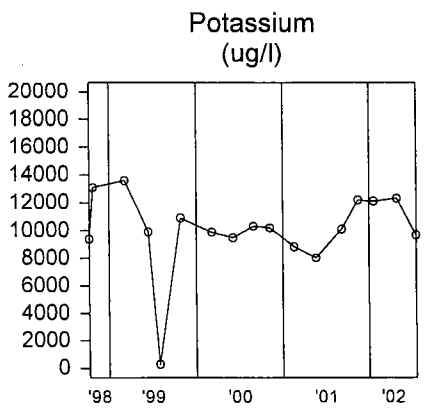
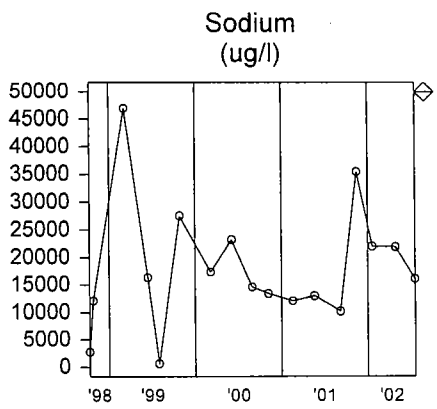
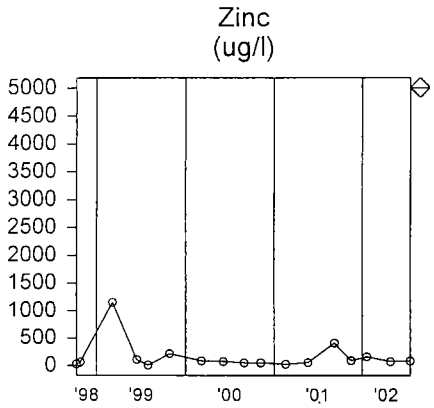
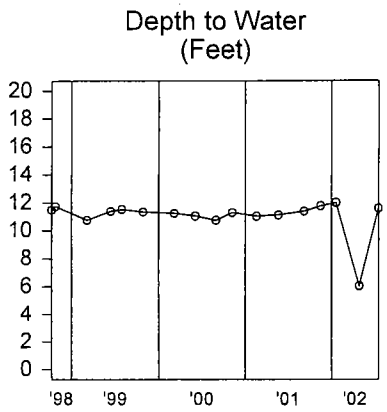
SELFM-PW-EV











SOURCE: 00M3MW09

Sampling Dates:
10/07/1998 - 07/16/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Source 6 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Chloro benzene	1,4-Di chloro benzene	Acenaph thene	Fluorene	Aluminum	Iron	Manganese	Lead	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	75	400	300	200	300	50	10	NLE	-
10/20/1998	FMETL	17.07	1.78	ND	ND	1960	57400	405	9.95	91700	V,S,P,M
11/02/1998	FMETL	19.19	2.05	ND	ND	1570	61300	993	9.2	139000	V,S,P,M
03/01/1999	FMETL	20.08	1.79	2.55	ND	1540	103000	761	9.86	119000	V,S,P,M
06/11/1999	FMETL	16.27	ND	1.25	ND	1180	66100	708	2.58	108000	V,S,P,M
07/27/1999	FMETL	15.90	1.99	1.23	ND	317	67700	866	7.30	66200	V,S,P,M
10/26/1999	FMETL	19.56	2.13	1.78	1.33	268	62300	662	ND	110000	V,S,P,M
03/02/2000	FMETL	15.34	1.89	1.18	1.04	2330	91200	682	ND	95500	V,S,P,M
06/01/2000	FMETL	11.80	1.45	1.40	1.02	187	62300	735	ND	109000	V,S,P,M
08/28/2000	FMETL	18.05	1.62	1.97	1.43	910	64400	564	1.60	104000	V,S,P,M
11/07/2000	FMETL	18.59	1.38	1.81	1.19	397	64800	588	ND	110000	V,S,P,M
02/14/2001	FMETL	13.84	ND	1.03	ND	97.0	84400	630	ND	92600	V,S,P,M
05/17/2001	FMETL	15.98	1.22	1.24	ND	827	66700	553	4.31	97500	V,S,P,M
09/06/2001	FMETL	15.80	1.37	1.47	1.13	925	62300	525	5.64	105000	V,S,P,M
11/15/2001	FMETL	15.8	1.42	1.40	1.00	1990	68300	526	9.11	115000	V,S,P,M
01/16/2002	FMETL	16.34	1.47	ND	ND	1510	79100	708	5.52	127000	V,S,P,M
04/24/2002	FMETL	16.05	1.02	1.51	ND	778	67900	585	5.17	111000	V,S,P,M
07/16/2002	FMETL	14.75	1.38	1.95	1.23	1160	63200	572	5.01	111000	V,S,P,M

SOURCE: 00M3MW10

Sampling Dates:
10/20/1998 - 07/16/2002

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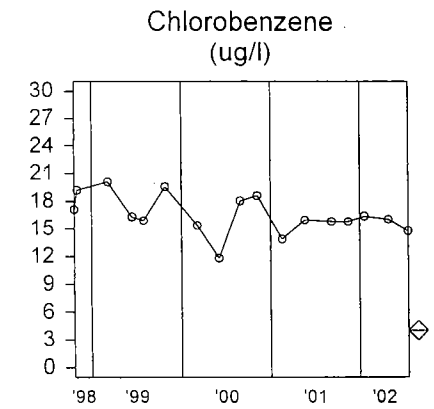
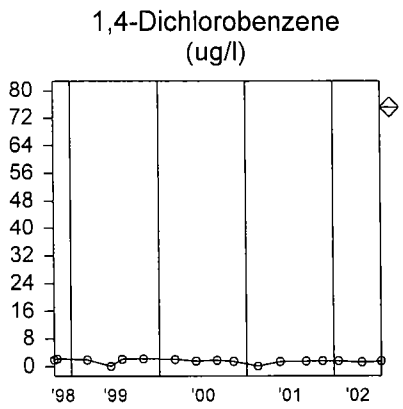
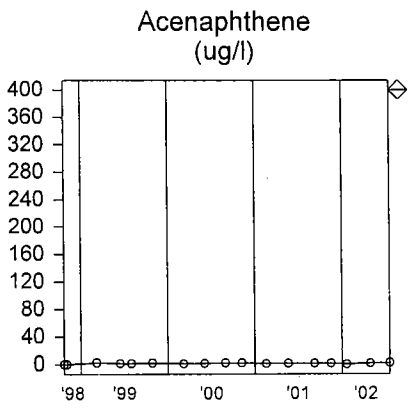
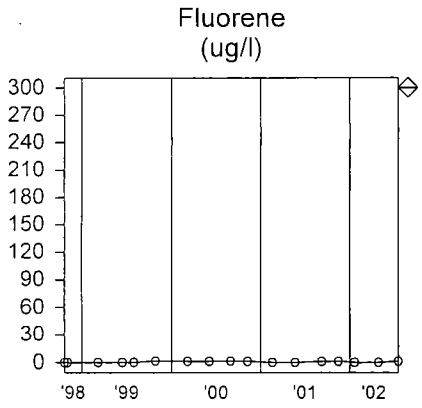
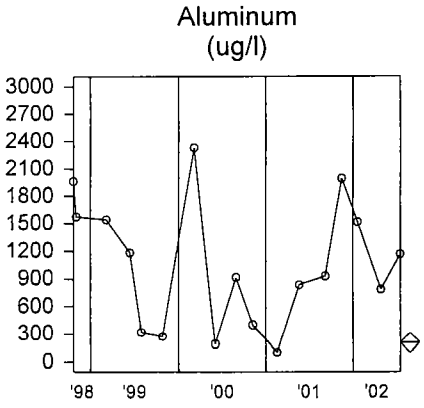
FORT MONMOUTH
SELFM-PW-EV

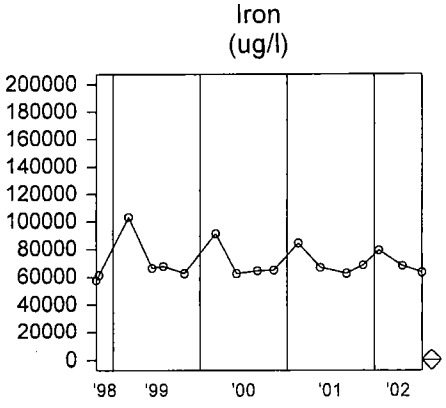


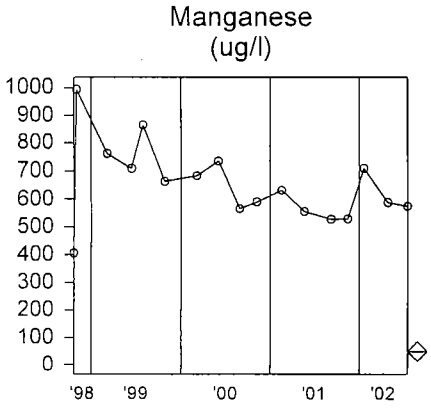


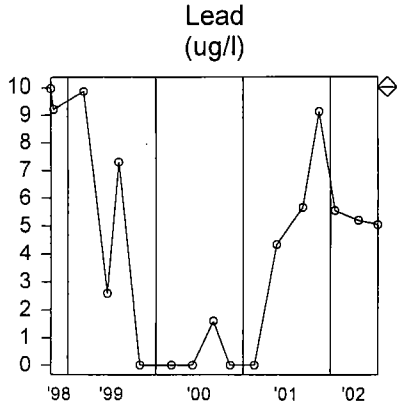


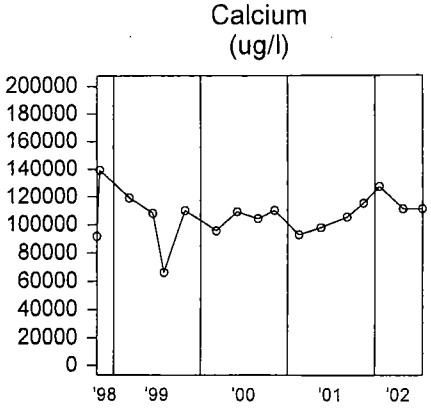












SOURCE: 00M3MW10

Sampling Dates:
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NJDEP Criteria

FORT MONMOUTH

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FORT MONMOUTH
SELFM-PW-EV

08-27-2002 X:\MtechData\M-3\M-3.wsf

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/20/1998	FMETL	14100	1.59	15000	15500	35.2	6.11				V,S,P,M
11/02/1998	FMETL	37100	4.62	20600	154000	229	6.11				V,S,P,M
03/01/1999	FMETL	19700	28	13500	16500	144	5.03				V,S,P,M
06/11/1999	FMETL	17300	ND	12800	17300	28.8	5.76				V,S,P,M
07/27/1999	FMETL	13900	5.49	11900	24900	91.5	6.08				V,S,P,M
10/26/1999	FMETL	17900	ND	12500	25600	8.12	5.61				V,S,P,M
03/02/2000	FMETL	16200	1.62	10400	14400	83.8	5.30				V,S,P,M
06/01/2000	FMETL	17300	11.6	10300	14400	19.3	5.53				V,S,P,M
08/28/2000	FMETL	16200	ND	11700	16200	42.2	5.31				V,S,P,M
11/07/2000	FMETL	16500	ND	11400	16400	23.5	5.85				V,S,P,M
02/14/2001	FMETL	14800	ND	8440	12300	21.9	5.18				V,S,P,M
05/17/2001	FMETL	15500	1.92	9390	13900	33.1	5.53				V,S,P,M
09/06/2001	FMETL	16500	ND	11300	15300	27.8	8.10				V,S,P,M
11/15/2001	FMETL	20200	1.35	13200	40200	56.9	6.29				V,S,P,M
01/16/2002	FMETL	20300	1.70	13700	25300	54.6	6.20				V,S,P,M
04/24/2002	FMETL	17600	ND	12100	16100	40.9	5.67				V,S,P,M
07/16/2002	FMETL	17300	ND	11300	17800	33.5	6.10				V,S,P,M

SOURCE: 00M3MW10

Sampling Dates:
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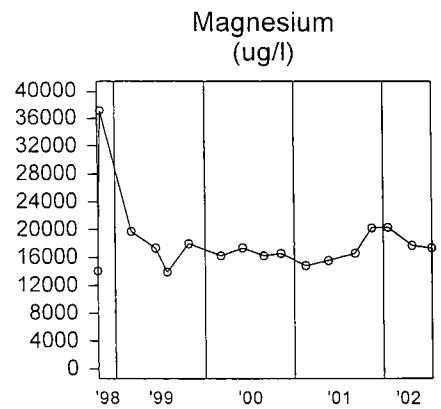

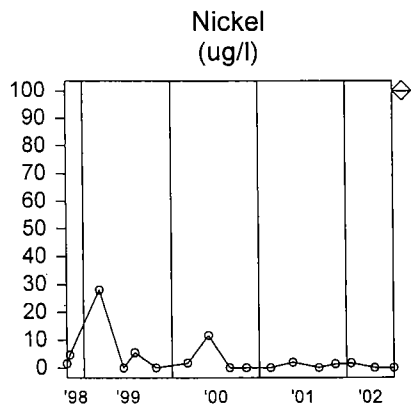

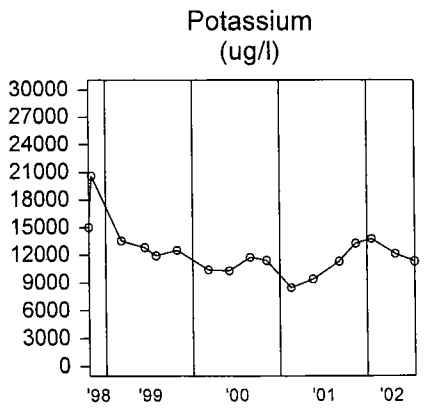

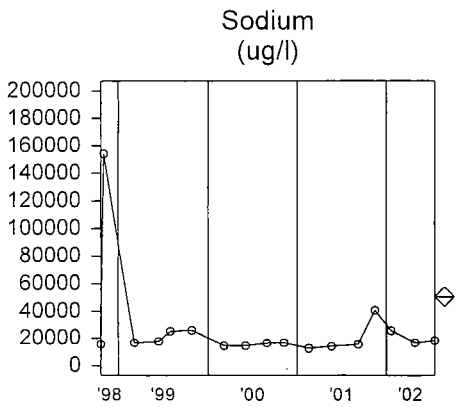

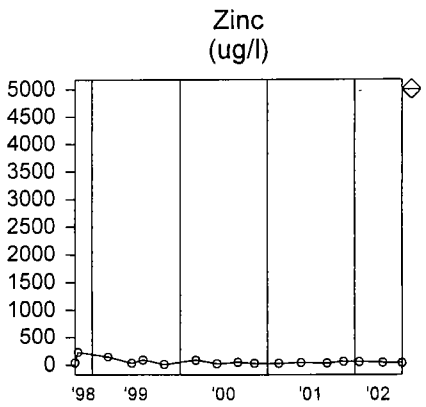

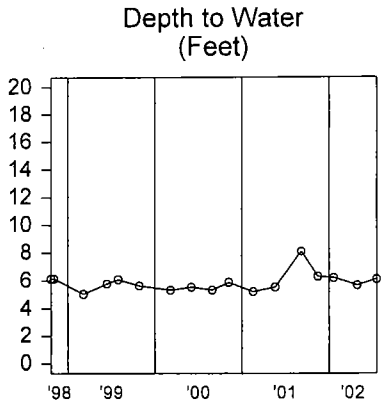

SOURCE: 00M3MW10

Sampling Dates:
10/20/1998 - 07/16/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Chloro benzene	1,4-Di chloro benzene	Acenaph thene	Fluorene	Aluminum	Iron	Manganese	Lead	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	75	400	300	200	300	50	10	2000	-
10/07/1998	FMETL	5.03	2.46	ND	ND	3480	62200	588	11	393	V,S,P,M
10/23/1998	FMETL	5.56	2.6	ND	ND	500	49900	549	3.83	341	V,S,P,M
03/02/1999	FMETL	2.66	ND	ND	ND	6840	73200	1780	11.2	279	V,S,P,M
06/11/1999	FMETL	5.44	1.57	1.14	1.18	7620	82400	956	15.2	529	V,S,P,M
07/27/1999	FMETL	5.60	2.99	1.21	1.19	7580	77800	897	22.3	472	V,S,P,M
10/26/1999	FMETL	6.28	3.44	1.84	1.84	2750	65800	822	7.95	468	V,S,P,M
03/02/2000	FMETL	3.26	1.40	ND	ND	1330	47300	1020	ND	287	V,S,P,M
06/01/2000	FMETL	3.56	1.58	1.16	1.01	2160	64800	1010	17.8	436	V,S,P,M
06/01/2000D	FMETL	3.50	ND	1.32	1.14	1370	59300	1020	6.21	408	V,S,P,M
08/28/2000	FMETL	3.27	1.17	1.16	1.12	1250	50600	1890	4.17	271	V,S,P,M
11/07/2000	FMETL	5.65	2.87	1.44	1.32	1380	63600	873	4.35	464	V,S,P,M
02/14/2001	FMETL	1.64	ND	ND	ND	289	43300	1400	ND	330	V,S,P,M
05/17/2001	FMETL	3.97	1.31	ND	ND	858	48500	910	5.52	263	V,S,P,M
09/06/2001	FMETL	4.43	1.82	1.28	1.18	702	52400	702	6.09	330	V,S,P,M
11/15/2001	FMETL	4.78	1.85	ND	ND	752	54200	694	6.62	388	V,S,P,M
01/16/2002	FMETL	4.73	2.17	1.75	1.48	682	56200	855	4.40	417	V,S,P,M
04/24/2002	FMETL	3.98	1.18	1.30	1.14	545	60400	1100	5.11	423	V,S,P,M
07/16/2002	FMETL	4.19	1.71	2.26	1.89	1600	47700	698	7.25	339	V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
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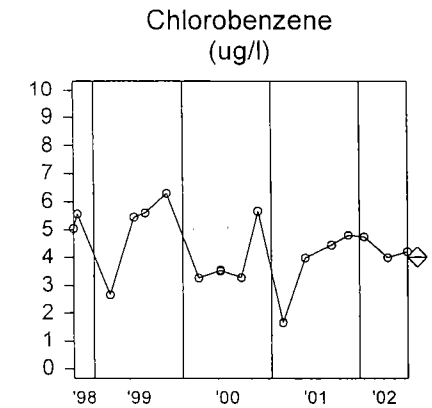
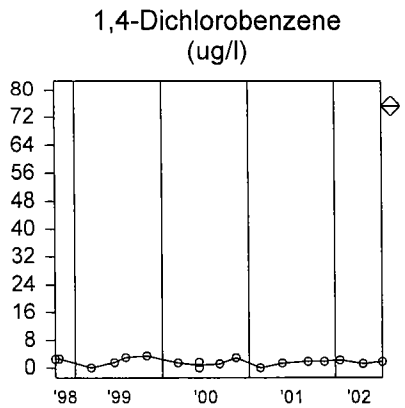
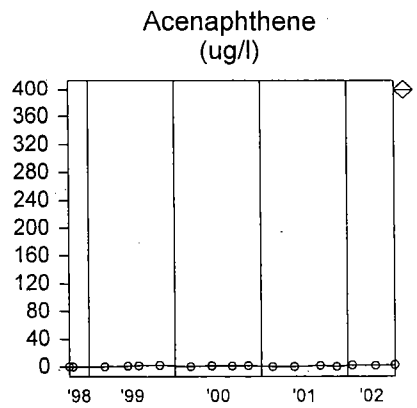
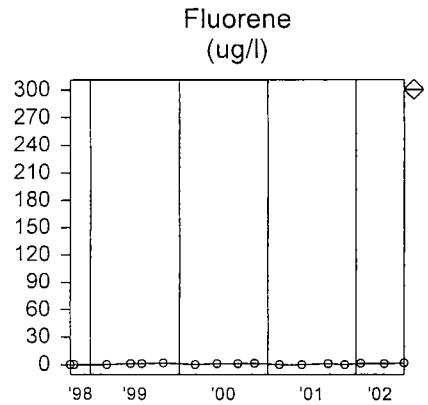
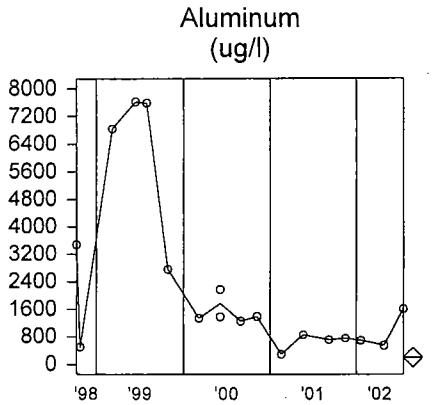
FORT MONMOUTH
SELFM-PW-EV

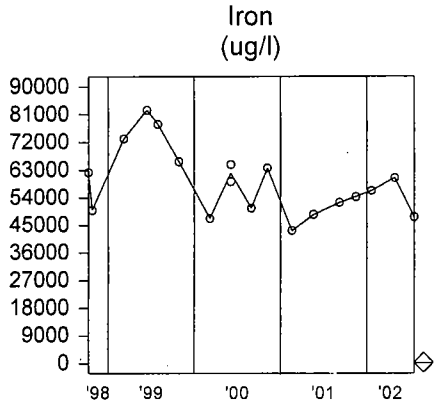


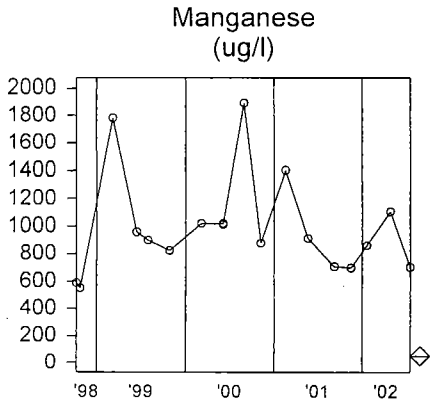


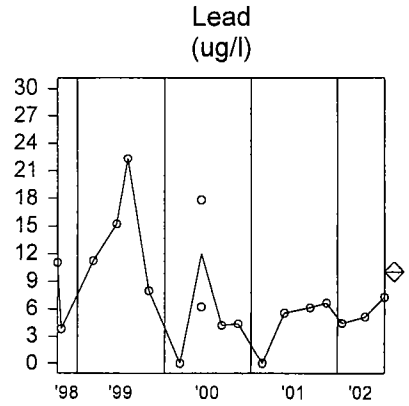


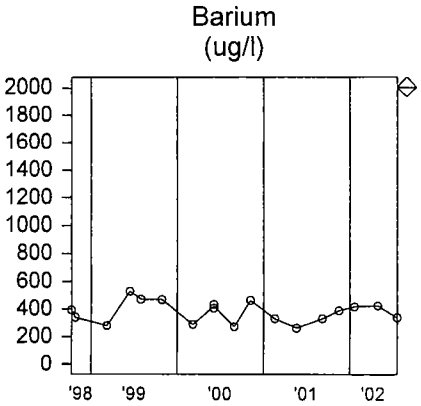












SOURCE: 00M3MW11

Sampling Dates:
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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-27-2002 X:\MtechData\M-3\M-3.wsf

	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
10/07/1998	FMETL	1.2	116000	10300	29	12100	13600	435	8.56		V,S,P,M
10/23/1998	FMETL	ND	108000	9020	6.2	8620	7180	98.2	8.63		V,S,P,M
03/02/1999	FMETL	12.3	185000	14500	263	8110	14800	3350	7.65		V,S,P,M
06/11/1999	FMETL	47.3	108000	10200	79.8	8430	10700	1850	8.27		V,S,P,M
07/27/1999	FMETL	14.6	117000	11400	157	9960	10900	2320	8.55		V,S,P,M
10/26/1999	FMETL	7.61	112000	9970	24.2	8450	11100	330	8.03		V,S,P,M
03/02/2000	FMETL	15	151000	13000	359	7320	13200	6050	7.72		V,S,P,M
06/01/2000	FMETL	19.1	133000	11300	104	6780	10200	1550	7.93		V,S,P,M
06/01/2000D	FMETL	11.7	134000	11300	87.8	6600	10600	1140	7.93		V,S,P,M
08/28/2000	FMETL	12.7	133000	11000	469	7090	11300	3850	8.73		V,S,P,M
11/07/2000	FMETL	8.89	115000	10000	38.0	7190	9290	1060	8.05		V,S,P,M
02/14/2001	FMETL	6.31	163000	13000	530	7190	20100	3140	7.25		V,S,P,M
05/17/2001	FMETL	6.91	99700	8600	116	5480	ND	1880	7.81		V,S,P,M
09/06/2001	FMETL	4.48	115000	9960	36.7	6770	5790	731	8.48		V,S,P,M
11/15/2001	FMETL	5.30	13100	11300	46.9	7850	9940	942	8.49		V,S,P,M
01/16/2002	FMETL	4.30	133000	11400	40.5	8170	8240	847	8.28		V,S,P,M
04/24/2002	FMETL	31.7	145000	12300	78.1	8360	ND	2150	8.00		V,S,P,M
07/16/2002	FMETL	13.1	148000	12400	54.3	7640	2930	1360	8.50		V,S,P,M

SOURCE: 00M3MW11

Sampling Dates:
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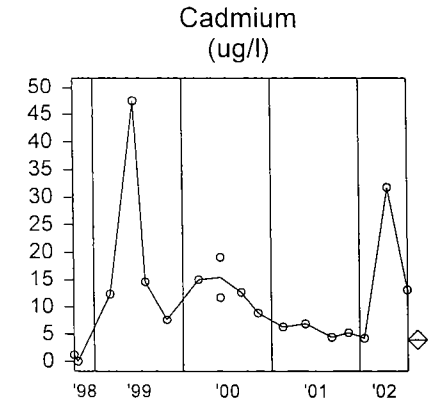
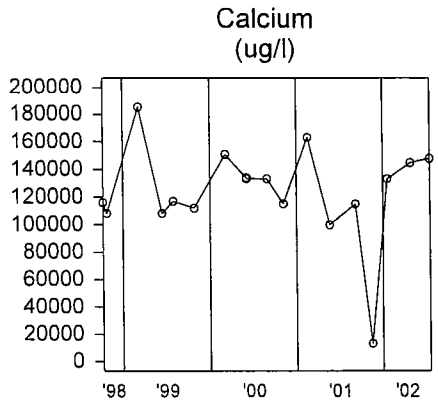
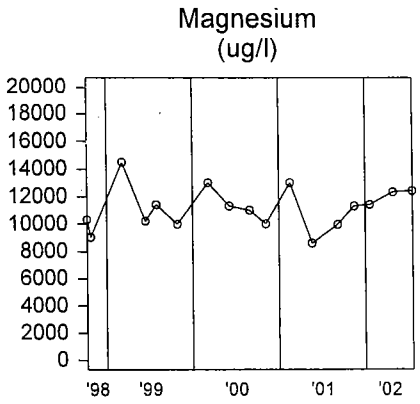
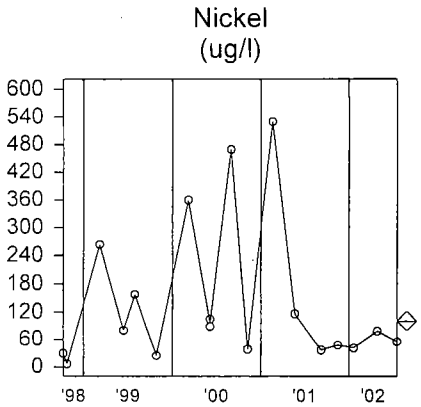
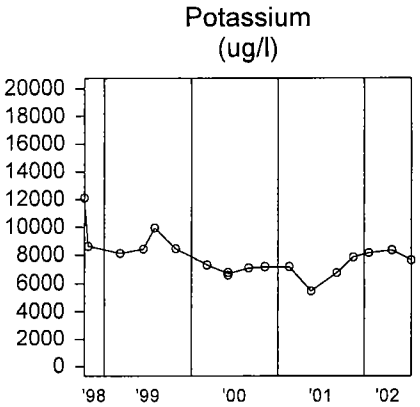
FORT MONMOUTH
SELFM-PW-EV

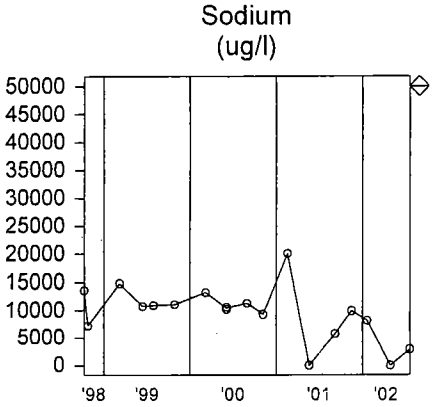


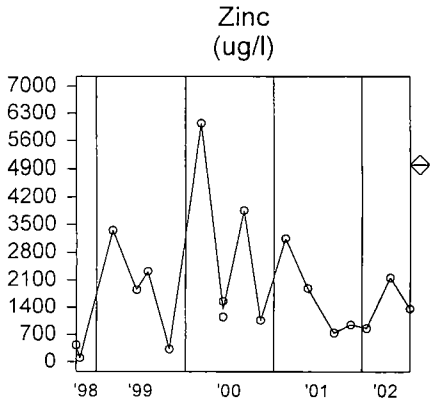


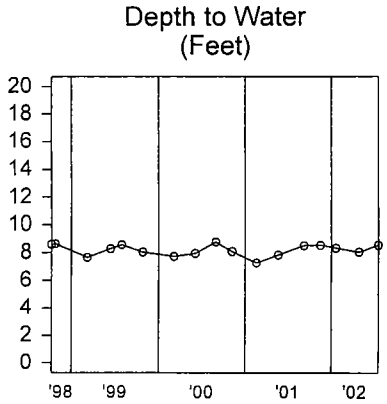












SOURCE: 00M3MW11

Sampling Dates:
10/07/1998 - 07/16/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-3

Source 8 of 8, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-27-2002 X:\MtechData\M-3\M-3.wsf

Appendix D

Surface Water Laboratory Analytical Data, 2nd Quarter 2000 through 3rd Quarter 2002

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: Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Trip	5468.01	Aqueous	12-June-00 07:35	06/12/00
Field Blank	5468.02	Aqueous	12-June-00 08:40	06/12/00
Dupe	5468.03	Aqueous	12-June-00	06/12/00
Stream Site # 22	5468.04	Aqueous	12-June-00 08:43	06/12/00
Stream Site # 21	5468.05	Aqueous	12-June-00 08:53	06/12/00
Stream Site # 20	5468.06	Aqueous	12-June-00 09:03	06/12/00
Stream Site # 09	5468.07	Aqueous	12-June-00 09:13	06/12/00
Stream Site # 19	5468.08	Aqueous	12-June-00 09:26	06/12/00
Stream Site # 12	5468.09	Aqueous	12-June-00 09:37	06/12/00
Stream Site # 18	5468.10	Aqueous	12-June-00 10:06	06/12/00
Stream Site # 11	5468.11	Aqueous	12-June-00 10:10	06/12/00
Stream Site # 15	5468.12	Aqueous	12-June-00 10:43	06/12/00
Stream Site # 13	5468.13	Aqueous	12-June-00 10:55	06/12/00
Stream Site # 16	5468.14	Aqueous	12-June-00 11:05	06/12/00
Stream Site # 05	5468.15	Aqueous	12-June-00 11:10	06/12/00
Stream Site # 04	5468.16	Aqueous	12-June-00 11:15	06/12/00
Stream Site # 07	5468.17	Aqueous	12-June-00 11:28	06/12/00
Stream Site # 17	5468.18	Aqueous	12-June-00 11:56	06/12/00
Stream Site # 03	5468.19	Aqueous	12-June-00 13:27	06/12/00
Stream Site # 14	5468.20	Aqueous	12-June-00 13:50	06/12/00
Stream Site # 23	5468.21	Aqueous	12-June-00 10:31	06/12/00
Stream Site # 24	5468.22	Aqueous	12-June-00 10:17	06/12/00
Stream Site # 25	5468.23	Aqueous	12-June-00 11:47	06/12/00
Stream Site # 26	5468.24	Aqueous	12-June-00 13:13	06/12/00
Stream Site # 28	5468.25	Aqueous	12-June-00 11:21	06/12/00
Stream Site # 27	5468.26	Aqueous	12-June-00 11:35	06/12/00

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VO+15, PCB's, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

6-19-00
Daniel Wright/Date
Laboratory Director

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:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer:

Phone #:

( )DERA ( )OMA ( )Other:_____

Project No:

Location: Streams 2nd Qtr '00

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL/ H_2SO_4 / <4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOC+15	NH_3/NO_3	Pb_4/SO_4	Total/Col.	PCB's	pH %	Temp °C	Dissolved O_2	Remarks / Preservation Method
5468 .01	Trip	6/12/00	0735	AQ	2	✓					–	–	–	
.02	Field Blank		0840		5	✓	✓	✓	✓ cpm	✓	–	–	–	
.03	Dupe		—		6	✓	✓	✓	✓	✓	–	–	–	Salinity d^{20}_{20} / 9.0
.04	Stream Site # 22		0843		6	✓	✓	✓	✓	✓	7.83	27.9°	6.88	1.012 / 18.0
.05	# 21		0853		6	✓	✓	✓	✓	✓	7.81	28.8°	6.94	1.014 / 18.0
.06	# 20		0903			✓	✓	✓	✓	✓	7.82	27.5°	7.11	1.012 / 18.0
.07	# 09		0913			✓	✓	✓	✓	✓	7.71	25.3	7.32	1.001 / ~~0.0~~ cpm 1.0
.08	# 19		0926			✓	✓	✓	✓	✓	6.87	25.7	7.41	1.000 / 0.0
.09	# 12		0937			✓	✓	✓	✓	✓	7.94	26.6	6.41	1.000 / 0.0
.10	# 18		1006			✓	✓	✓	✓	✓	7.41	26.4	6.37	1.000 / 0.0
.11	# 11		1010			✓	✓	✓	✓	✓	6.96	20.3	7.21	1.000 / 0.0
.12	# 15		1043			✓	✓	✓	✓	✓	6.84	24.2	7.31	1.000 / 0.0
.13	# 13		1055			✓	✓	✓	✓	✓	6.77	22.1	7.37	1.000 / 0.0
.14	# 16		1105			✓	✓	✓	✓	✓	6.78	25.9	6.71	1.000 / 0.0

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/12/00 1414				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Turnaround time: ( )Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Heavy Rain previous night cpm
Tide: H → outgoing

print legibly

Coc.xls4/19/00

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer:

Phone #:

( )DERA ( )OMA ( )Other:_____

Project No:

Location: Streams 2nd Qrtr '00

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL / H_2SO_4 / 24°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOT's	NH_3 / NO_3	PO_4 / SO_4	Total / Coli	PCB's	pH	Temp	Dissolved O_2	Remarks / Preservation Method
54608 .15	#5	6/12/00	1110	AQ	6	✓	✓	✓	✓	✓	6.72	26.3°	6.67	1.001 / 1.00
.16	#4		1115		6	✓	✓	✓	✓	✓	6.75	26.8°	6.15	1.002 / 2.00
.17	#7		1128			✓	✓	✓	✓	✓	6.86	27.1	6.69	1.005 / 4.00
.18	#17		1156			✓	✓	✓	✓	✓	7.10	25.1	6.71	1.000 / 0.0
.19	#3		1327			✓	✓	✓	✓	✓	7.18	23.2	6.99	1.000 / 0.0
.20	#14		1350			✓	✓	✓	✓	✓	6.47	23.1	7.21	1.000 / 0.0
.21	#23		1031			✓	✓	✓	✓	✓	6.82	24.9	7.21	1.000 / 0.0
.22	#24		1017			✓	✓	✓	✓	✓	6.52	24.3	7.33	1.000 / 0.0
.23	#25		1147			✓	✓	✓	✓	✓	7.06	25.2	6.81	1.001 / 1.00
.24	#26		1313			✓	✓	✓	✓	✓	7.15 ~~7.00~~	~~6.70~~ ~23.4 ~~24.3~~	6.53	1.000 / 0.0
.25	#28		1121			✓	✓	✓	✓	✓	6.81	26.8	6.66	1.003 / ~~3.00~~ 3.00 cpm
.26	#29		1135			✓	✓	✓	✓	✓	6.91	27.1	6.51	1.005 / ~~5.00~~ 5.0

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/12/00 1414	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

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

Turnaround time: ( )Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H→O

print legibly

Coc.xls4/19/00

VOLATILE ORGANICS

FRESH WATER

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007201.D**	Sample Name	**Vblk220**
Operator	**Skelton**	Field ID	**Vblk220**
Date Acquired	**13 Jun 2000 11:18 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:02 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Vblk220

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk220

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007201.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/13/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007235.D**	Sample Name	**Vblk221**
Operator	**Skelton**	Field ID	**Vblk221**
Date Acquired	**14 Jun 2000 11:19 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:28 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Vblk221

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk221

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007235.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007218.D**	Sample Name	**5468.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**13 Jun 2000 11:06 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:02 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007218.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/13/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007219.D**	Sample Name	**5468.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**13 Jun 2000 11:47 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:02 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007219.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/13/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007241.D**	Sample Name	**5468.19**
Operator	**Skelton**	Field ID	**StreamSite#03**
Date Acquired	**14 Jun 2000 3:30 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:28 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#03

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.19

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007241.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007228.D**	Sample Name	**5468.11**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Acquired	**14 Jun 2000 5:50 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.98	144090	8.03 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:03 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#11

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007228.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007226.D**	Sample Name	**5468.09**
Operator	**Skelton**	Field ID	**StreamSite#12**
Date Acquired	**14 Jun 2000 4:29 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:03 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#12

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007226.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007230.D**	Sample Name	**5468.13**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Acquired	**14 Jun 2000 7:11 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene	25.51	76619	5.56 ug/L	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#13

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007230.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007242.D**	Sample Name	**5468.20**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Acquired	**14 Jun 2000 4:10 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#14

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.20

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007242.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007229.D**	Sample Name	**5468.12**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Acquired	**14 Jun 2000 6:31 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene	25.51	79199	5.94 ug/L	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#15

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007229.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007227.D**	Sample Name	**5468.10**
Operator	**Skelton**	Field ID	**StreamSite#18**
Date Acquired	**14 Jun 2000 5:10 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#18

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007227.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007243.D**	Sample Name	**5468.21**
Operator	**Skelton**	Field ID	**StreamSite#23**
Date Acquired	**14 Jun 2000 4:50 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene	25.51	75082	5.60 ug/L	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#23

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.21

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007243.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007244.D**	Sample Name	**5468.22**
Operator	**Skelton**	Field ID	**StreamSite#24**
Date Acquired	**14 Jun 2000 5:30 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene	25.51	59799	4.72 ug/L	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#24

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.22

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007244.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007246.D**	Sample Name	**5468.24**
Operator	**Skelton**	Field ID	**StreamSite#26**
Date Acquired	**14 Jun 2000 6:50 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#26

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.24

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007246.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SALT WATER

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007201.D**	Sample Name	**Vblk220**
Operator	**Skelton**	Field ID	**Vblk220**
Date Acquired	**13 Jun 2000 11:18 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Vblk220

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk220

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007201.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/13/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007235.D**	Sample Name	**Vblk221**
Operator	**Skelton**	Field ID	**Vblk221**
Date Acquired	**14 Jun 2000 11:19 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:30 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Vblk221

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk221

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007235.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007218.D**	Sample Name	**5468.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**13 Jun 2000 11:06 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:04 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007218.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/13/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007219.D**	Sample Name	**5468.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**13 Jun 2000 11:47 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:04 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007219.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/13/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007220.D**	Sample Name	**5468.03**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**14 Jun 2000 12:27 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	12.12	372482	10.66 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:04 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007220.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007238.D**	Sample Name	**5468.16**
Operator	**Skelton**	Field ID	**StreamSite#04**
Date Acquired	**14 Jun 2000 1:31 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.51	54980	4.37 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:30 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#04

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.16

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007238.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007237.D**	Sample Name	**5468.15**
Operator	**Skelton**	Field ID	**StreamSite#05**
Date Acquired	**14 Jun 2000 12:50 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.51	59389	4.38 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:30 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#05

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.15

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007237.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007239.D**	Sample Name	**5468.17**
Operator	**Skelton**	Field ID	**StreamSite#07**
Date Acquired	**14 Jun 2000 2:10 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:30 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#07

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.17

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007239.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007224.D**	Sample Name	**5468.07**
Operator	**Skelton**	Field ID	**StreamSite#09**
Date Acquired	**14 Jun 2000 3:09 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:04 PM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#09

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007224.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007236.D**	Sample Name	**5468.14**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Acquired	**14 Jun 2000 12:11 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.51	51007	3.74 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:30 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#16

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007236.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007240.D**	Sample Name	**5468.18**
Operator	**Skelton**	Field ID	**StreamSite#17**
Date Acquired	**14 Jun 2000 2:50 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:30 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#17

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.18

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007240.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007225.D**	Sample Name	**5468.08**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Acquired	**14 Jun 2000 3:49 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:04 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#19

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007225.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007223.D**	Sample Name	**5468.06**
Operator	**Skelton**	Field ID	**StreamSite#20**
Date Acquired	**14 Jun 2000 2:28 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	12.15	210325	6.38 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:04 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#20

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007223.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007222.D**	Sample Name	**5468.05**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Acquired	**14 Jun 2000 1:48 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	12.12	242701	7.17 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:04 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#21

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007222.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007221.D**	Sample Name	**5468.04**
Operator	**Skelton**	Field ID	**StreamSite#22**
Date Acquired	**14 Jun 2000 1:08 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	12.14	352302	10.26 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:04 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#22

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007221.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007245.D**	Sample Name	**5468.23**
Operator	**Skelton**	Field ID	**StreamSite#25**
Date Acquired	**14 Jun 2000 6:10 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:30 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#25

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.23

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007245.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007248.D**	Sample Name	**5468.26**
Operator	**Skelton**	Field ID	**StreamSite#27**
Date Acquired	**14 Jun 2000 8:10 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#27

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.26

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007248.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007247.D**	Sample Name	**5468.25**
Operator	**Skelton**	Field ID	**StreamSite#28**
Date Acquired	**14 Jun 2000 7:30 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:30 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#28

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.25

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007247.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

PCB'S

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK536
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #22
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #21
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #20
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #19
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #12
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #18
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.12
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Streram Site #15
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.13
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #13
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.14
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #16
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.15
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #5
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.16
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #4
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.17
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #7
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.18
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #17
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.19
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #3
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.20
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #14
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.21
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.22
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #24
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.23
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #25
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.24
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #26
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.25
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #28
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.26
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #27
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

WET CHEMISTRY

Stream Water Analysis
June 2000

Sample ID	Date Sampled	Stream Site#	Temp °C	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
5468.04	06/12/00	22	27.9	7.83	0.645	0.3	ND	1700	6.88	380	80	18
5468.05	06/12/00	21	28.8	7.81	ND	0.3	ND	1700	6.99	520	40	19
5468.06	06/12/00	20	27.5	7.82	ND	0.4	ND	1350	7.11	1380	260	18
5468.07	06/12/00	09	25.3	7.71	ND	0.6	ND	86	7.32	6600	680	1
5468.08	06/12/00	19	25.7	6.87	ND	0.7	ND	20	7.41	880	480	0
5468.09	06/12/00	12	26.6	7.94	ND	0.6	ND	20	6.41	1340	280	0
5468.10	06/12/00	18	26.4	7.41	ND	0.8	ND	18	6.37	920	220	0
5468.11	06/12/00	11	20.5	6.96	ND	1.6	ND	23	7.21	1800	1060	0
5468.12	06/12/00	15	24.2	6.84	ND	0.9	ND	30	7.31	920	380	0
5468.13	06/12/00	13	22.1	6.77	ND	0.8	ND	29	7.37	820	240	0
5468.14	06/12/00	16	25.9	6.78	ND	0.9	ND	29	6.71	920	580	0
5468.15	06/12/00	05	26.3	6.72	ND	0.8	ND	47	6.67	2100	580	1
5468.16	06/12/00	04	26.8	6.75	ND	0.6	ND	120	6.65	1160	860	2
5468.17	06/12/00	07	27.1	6.86	ND	0.3	ND	200	6.69	6800	1480	4
5468.18	06/12/00	17	25.1	7.10	ND	0.4	ND	49	6.71	1380	940	0
5468.19	06/12/00	03	23.2	7.18	ND	0.5	ND	30	6.99	1560	960	0
5468.20	06/12/00	14	23.1	6.97	ND	0.6	ND	27	7.21	1720	920	0
5468.21	06/12/00	23	24.9	6.82	ND	0.8	ND	30	7.21	720	200	0
5468.22	06/12/00	24	24.3	6.52	0.329	0.9	ND	15	7.33	1020	460	0
5468.23	06/12/00	25	25.2	7.06	ND	0.2	ND	20	6.81	1340	640	1
5468.24	06/12/00	26	23.4	7.15	ND	0.6	ND	31	6.53	1720	760	0
5468.25	06/12/00	28	26.8	6.81	ND	0.3	ND	130	6.66	12300	920	3
5468.26	06/12/00	27	27.1	6.91	ND	0.2	ND	250	6.51	6300	1400	5

mg/L = parts per million
cfu = colony forming units
ND = Not Detected

Completed:06/16/00
Reviewed: 06/16/00

Daniel K. Wright
Laboratory Director

LTM

	Lab	Methylene Chloride	Tetrachloro ethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	1600	4.29
04/08/1997	FMETL	2.00	ND
07/17/1997	FMETL	ND	ND
10/30/1997	FMETL	ND	ND
02/10/1998	FMETL	ND	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	ND	ND
11/18/1998	FMETL	ND	1.09
02/25/1999	FMETL	ND	ND
06/29/1999	FMETL	ND	ND
09/22/1999	FMETL	ND	ND
12/09/1999	FMETL	ND	ND
03/01/2000	FMETL	ND	ND
06/12/2000	FMETL	ND	ND

SOURCE: 3

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

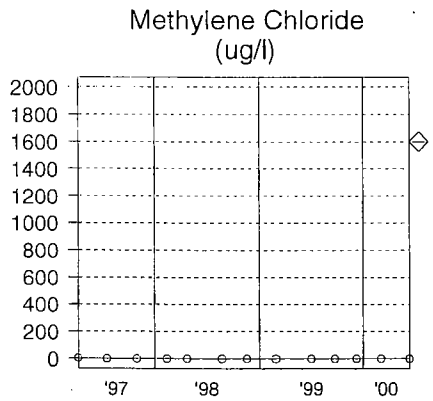
PAGE 1 OF 1

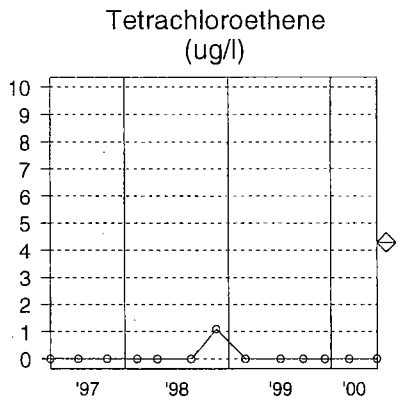
Fort Monmouth

GW Monitoring
Streams

Well 1 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 3

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 1 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-
04/08/1997	FMETL	2.18	ND	ND	ND
07/17/1997	FMETL	1.63	ND	1.61	ND
10/30/1997	FMETL	ND	ND	1.24	ND
02/10/1998	FMETL	ND	ND	6.61	ND
04/21/1998	FMETL	ND	ND	4.42	ND
08/19/1998	FMETL	1.92	1.10	2.85	ND
11/17/1998	FMETL	1.19	ND	1.62	ND
02/25/1999	FMETL	ND	ND	5.61	ND
06/29/1999	FMETL	2.41	1.56	5.27	ND
09/22/1999	FMETL	2.02	ND	1.85	ND
12/09/1999	FMETL	ND	ND	ND	ND
03/01/2000	FMETL	1.23	1.26	6.18	2.18
06/12/2000	FMETL	ND	ND	4.37	ND

SOURCE: 4

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

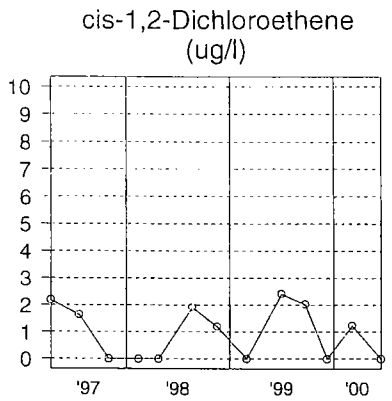
PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit isNLE
TCE limit is 81
PCE limit is 4.29

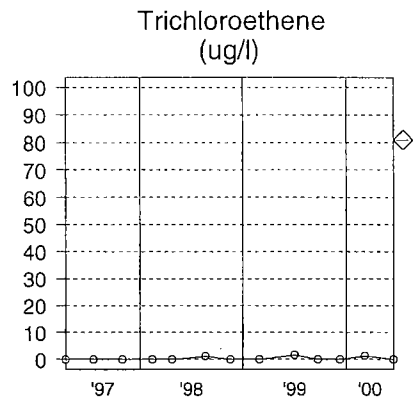
Fort Monmouth

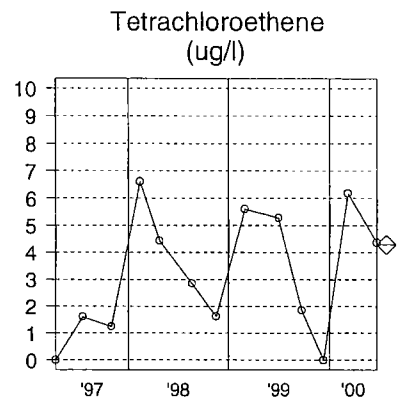
GW Monitoring
Streams

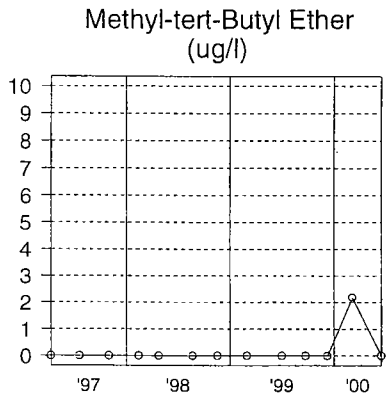
Well 2 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV









SOURCE: 4

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 2 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	1600	-	81	4.29	-
04/08/1997	FMETL	1.96	1.80	ND	2.28	ND
07/17/1997	FMETL	ND	3.66	ND	3.54	ND
10/30/1997	FMETL	ND	1.83	ND	1.70	ND
02/10/1998	FMETL	ND	ND	ND	6.34	ND
04/21/1998	FMETL	ND	ND	ND	4.48	ND
08/19/1998	FMETL	ND	2.28	1.27	3.39	ND
11/17/1998	FMETL	ND	1.67	ND	2.17	ND
02/25/1999	FMETL	ND	ND	ND	5.45	ND
06/29/1999	FMETL	ND	2.74	1.74	6.04	ND
09/22/1999	FMETL	ND	1.96	ND	1.82	ND
12/09/1999	FMETL	ND	1.60	ND	3.82	ND
03/01/2000	FMETL	ND	1.27	1.36	6.62	2.34
06/12/2000	FMETL	ND	ND	ND	4.38	ND

SOURCE: 5

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

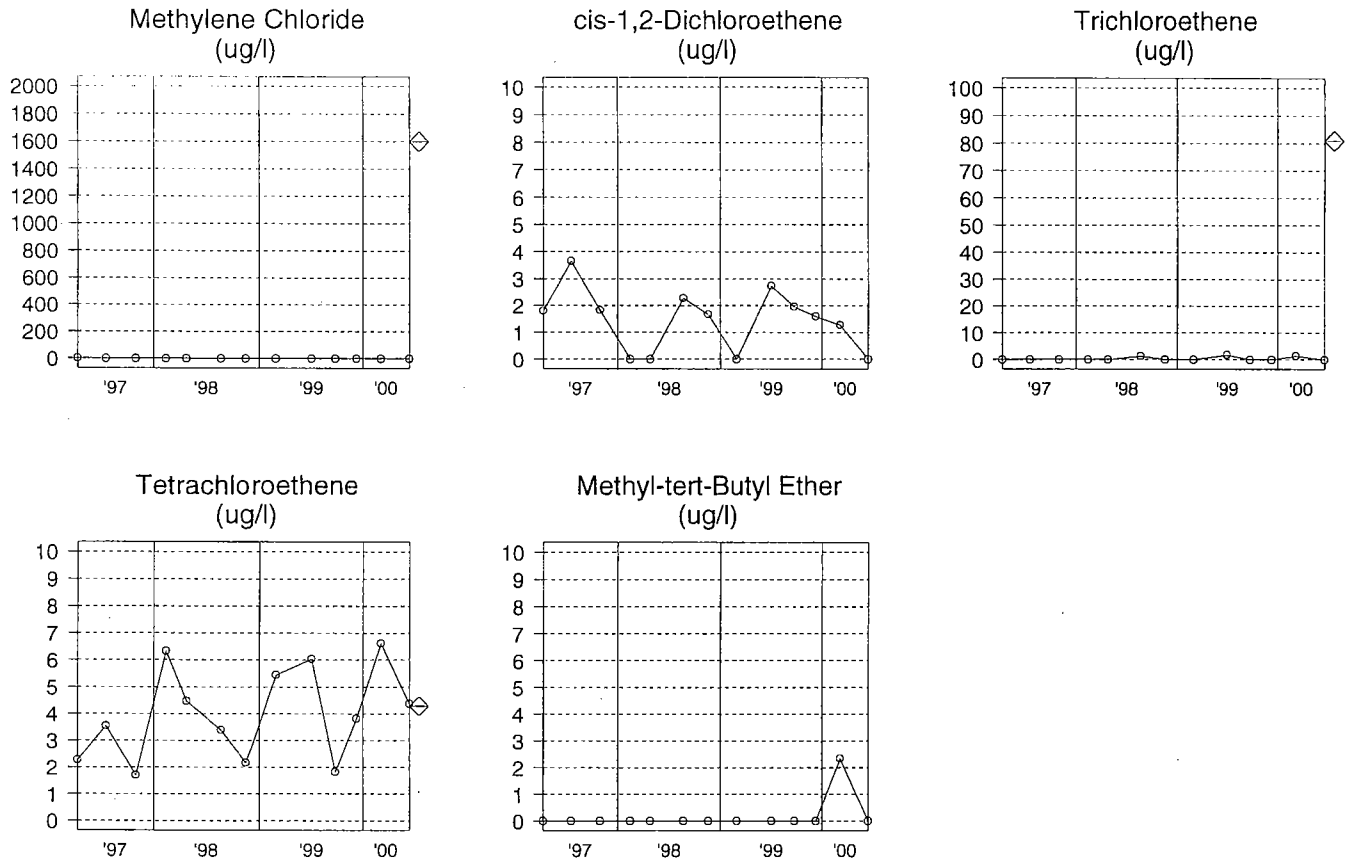
PAGE 1 OF 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Well 3 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 5

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 3 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-	-
04/08/1997	FMETL	ND	ND	ND	ND	ND
07/17/1997	FMETL	1.14	ND	1.08	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	2.04	ND	ND
04/21/1998	FMETL	ND	ND	2.40	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND
11/17/1998	FMETL	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	2.85	ND	ND
06/29/1999	FMETL	ND	ND	1.42	2.94	2.00
09/22/1999	FMETL	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	ND	ND
03/01/2000	FMETL	1.19	1.30	6.47	ND	2.14
06/12/2000	FMETL	ND	ND	ND	ND	ND

SOURCE: 7

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

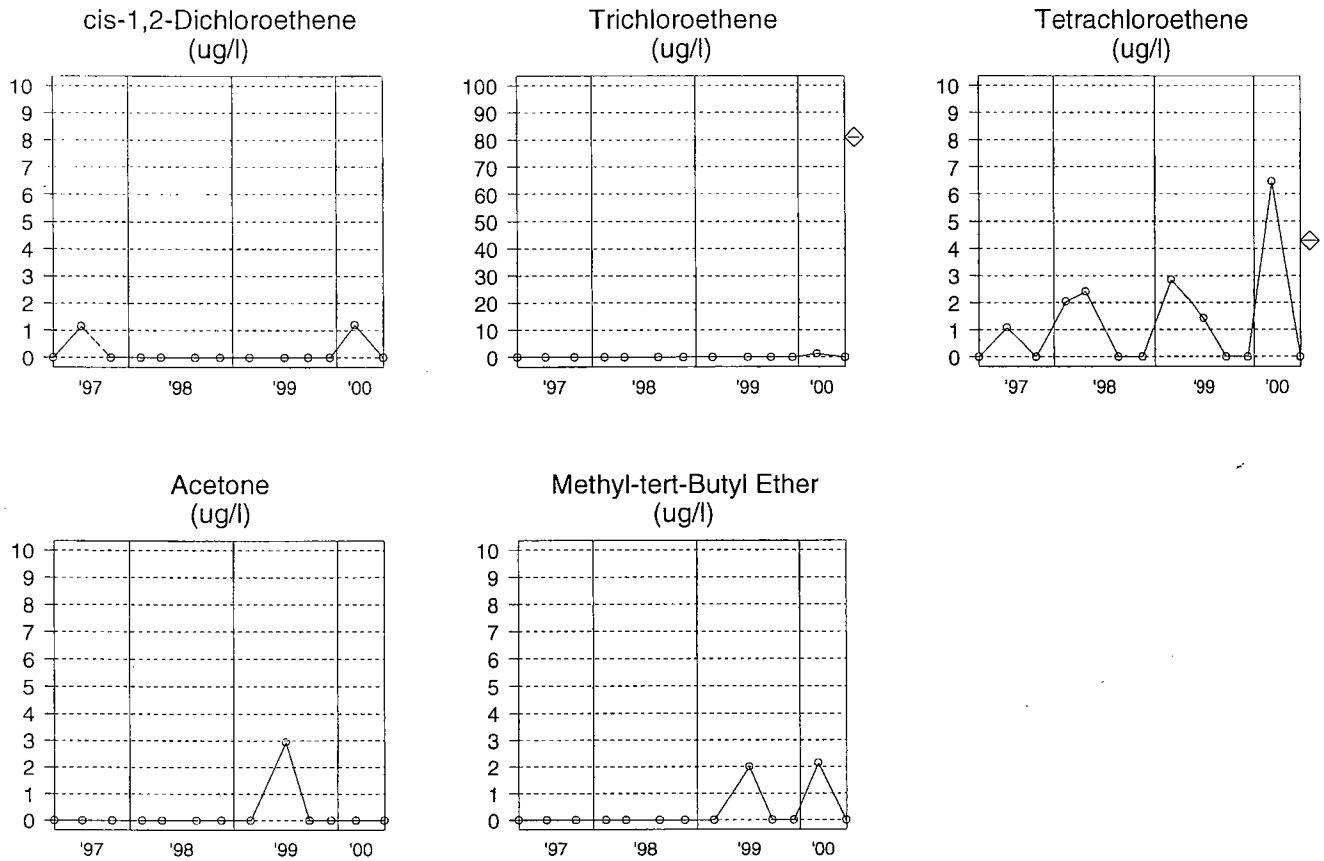
PAGE 1 OF 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Well 4 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 7

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 4 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	1600	-	-
04/08/1997	FMETL	1.82	2.78	ND
07/17/1997	FMETL	ND	ND	ND
10/30/1997	FMETL	ND	2.14	ND
02/10/1998	FMETL	ND	6.00	ND
04/21/1998	FMETL	ND	4.73	ND
08/19/1998	FMETL	ND	1.69	ND
11/17/1998	FMETL	ND	ND	ND
02/25/1999	FMETL	ND	1.78	ND
06/29/1999	FMETL	ND	ND	2.50
09/21/1999	FMETL	ND	1.91	ND
12/09/1999	FMETL	ND	ND	25.08
03/01/2000	FMETL	ND	2.17	ND
06/12/2000	FMETL	ND	ND	ND

SOURCE: 9

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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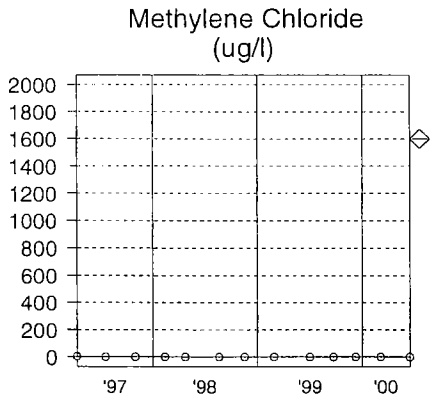

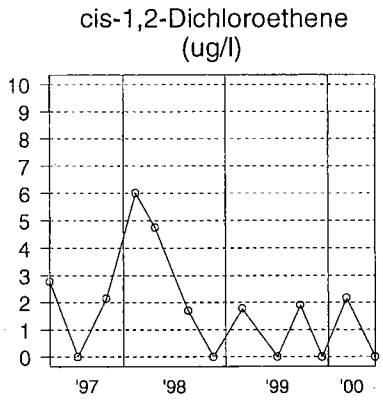

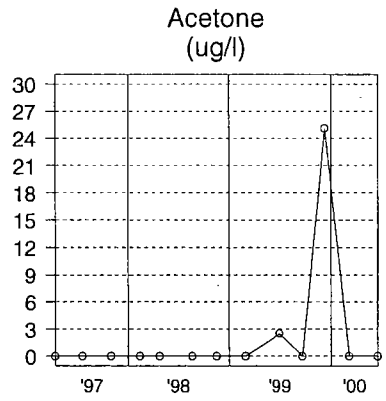

SOURCE: 9

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 5 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	-
04/08/1997	FMETL	18.72	1.58	ND
07/17/1997	FMETL	14.13	ND	ND
10/30/1997	FMETL	18.23	ND	ND
02/10/1998	FMETL	24.71	2.14	ND
04/21/1998	FMETL	21.66	1.82	ND
08/19/1998	FMETL	11.73	ND	ND
11/18/1998	FMETL	8.82	ND	ND
02/25/1999	FMETL	9.11	ND	ND
06/29/1999	FMETL	5.77	ND	ND
09/21/1999	FMETL	15.62	ND	ND
12/09/1999	FMETL	11.90	ND	ND
03/01/2000	FMETL	11.01	ND	1.64
06/12/2000	FMETL	8.03	ND	ND

SOURCE: 11

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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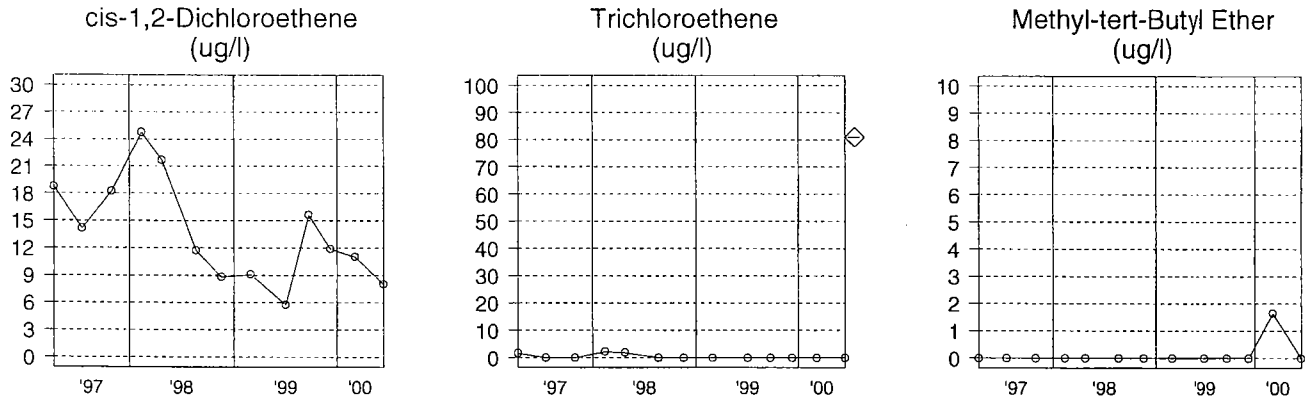

SOURCE: 11

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 6 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Acetone
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	-	-
04/08/1997	FMETL	6.63	ND
07/17/1997	FMETL	ND	ND
10/30/1997	FMETL	5.67	ND
02/10/1998	FMETL	6.54	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	4.58	ND
11/18/1998	FMETL	2.48	ND
02/25/1999	FMETL	1.80	ND
06/29/1999	FMETL	1.39	ND
09/21/1999	FMETL	3.67	9.54
12/09/1999	FMETL	2.74	ND
03/01/2000	FMETL	3.13	ND
06/12/2000	FMETL	ND	ND

SOURCE: 12

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

Fort Monmouth

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Streams

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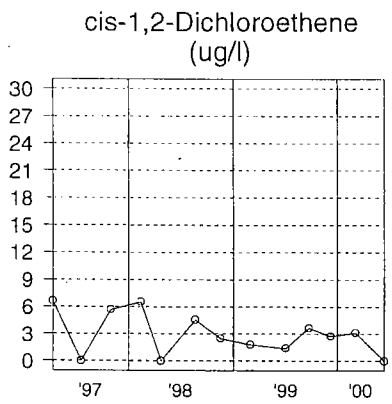

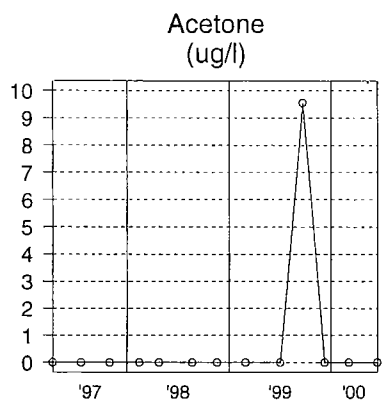

SOURCE: 12

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

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Streams

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06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-	-
04/08/1997	FMETL	ND	ND	ND	2.81	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND
11/18/1998	FMETL	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND
09/22/1999	FMETL	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	3.94	ND	ND
03/01/2000	FMETL	1.35	1.40	6.92	ND	2.40
06/12/2000	FMETL	ND	ND	5.56	ND	ND

SOURCE: 13

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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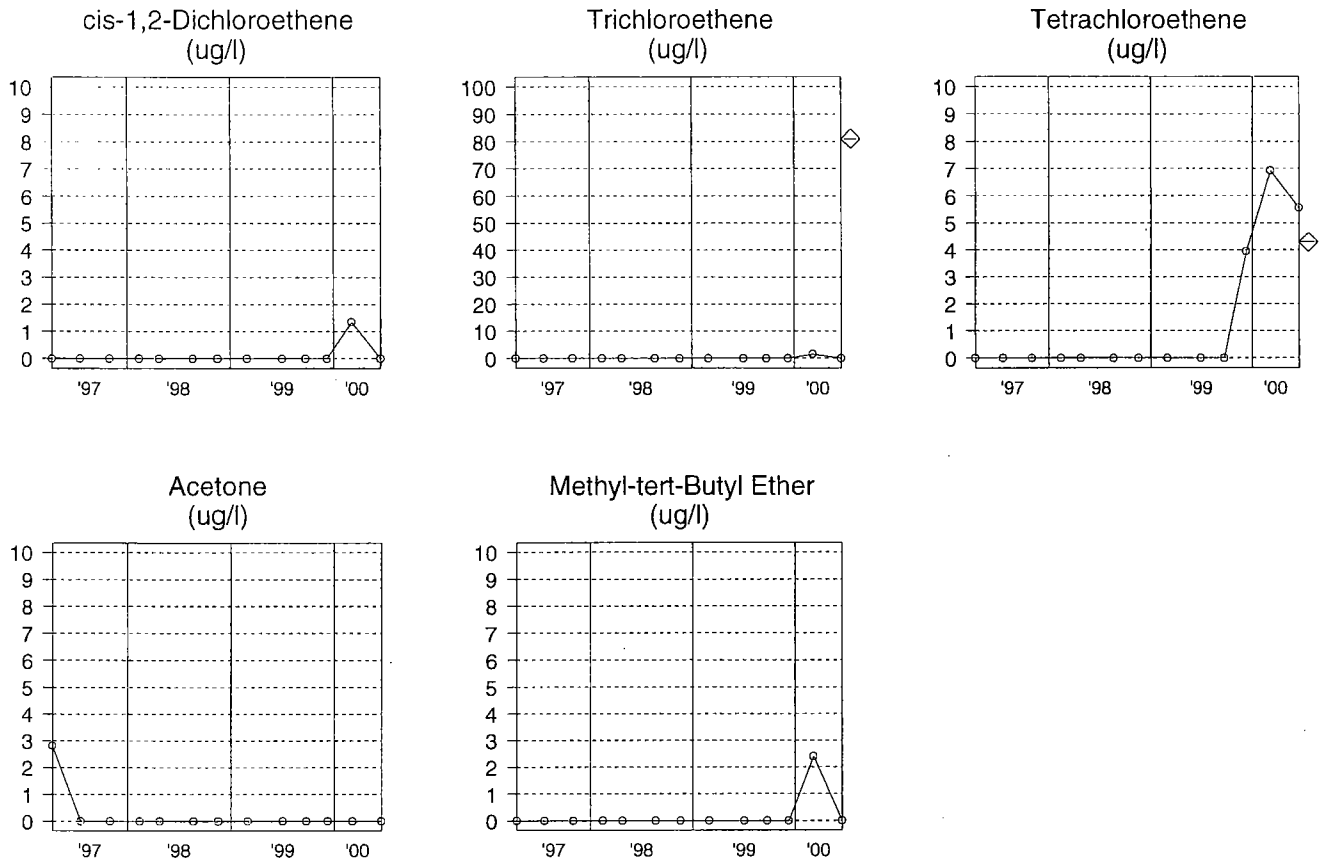

SOURCE: 13

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

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Streams

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06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	-
04/08/1997	FMETL	ND	ND	3.94
07/17/1997	FMETL	ND	ND	ND
10/30/1997	FMETL	1.59	1.75	ND
02/10/1998	FMETL	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND
11/18/1998	FMETL	ND	ND	3.32
02/25/1999	FMETL	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND
09/22/1999	FMETL	ND	ND	ND
12/09/1999	FMETL	11.26	ND	ND
03/01/2000	FMETL	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND

SOURCE: 14

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

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GW Monitoring
Streams

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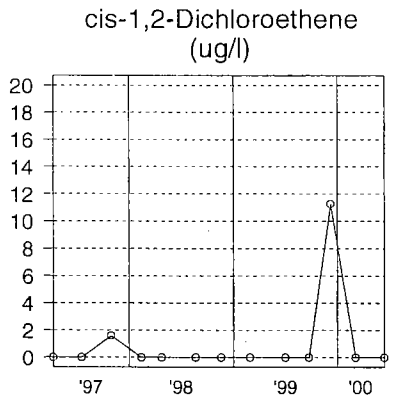

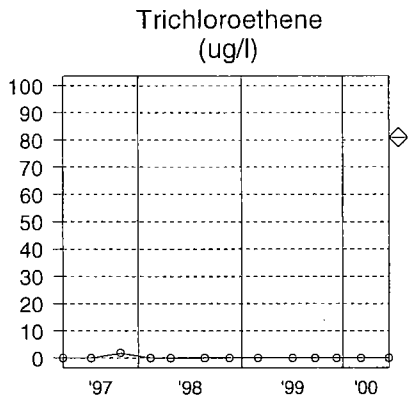

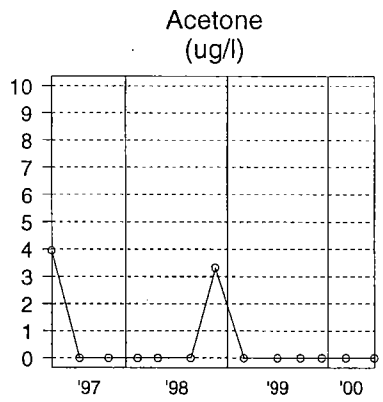

SOURCE: 14

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

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Streams

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	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-
04/08/1997	FMETL	2.69	1.60	6.00	ND
07/17/1997	FMETL	5.53	2.50	7.12	ND
10/30/1997	FMETL	2.57	ND	2.72	ND
02/10/1998	FMETL	ND	1.03	6.90	ND
04/21/1998	FMETL	1.22	1.21	5.72	ND
08/19/1998	FMETL	3.89	2.06	5.39	ND
11/18/1998	FMETL	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	7.33	ND
06/29/1999	FMETL	4.17	2.40	7.86	ND
09/21/1999	FMETL	3.59	1.37	2.61	ND
12/09/1999	FMETL	ND	ND	4.08	ND
03/01/2000	FMETL	1.39	1.39	6.95	2.38
06/12/2000	FMETL	ND	ND	5.94	ND

SOURCE: 15

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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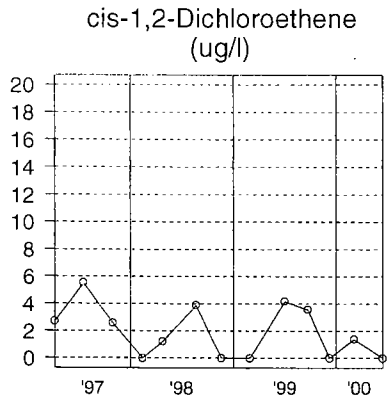
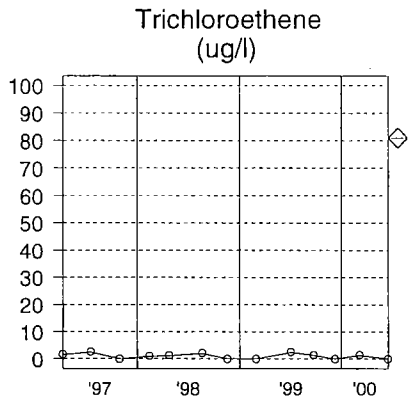
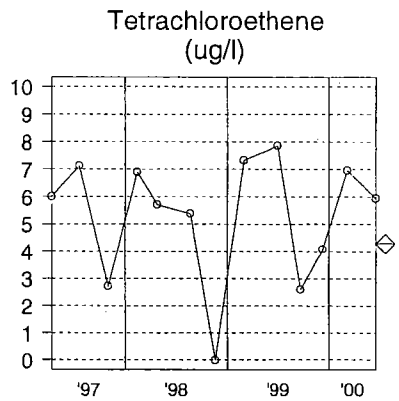
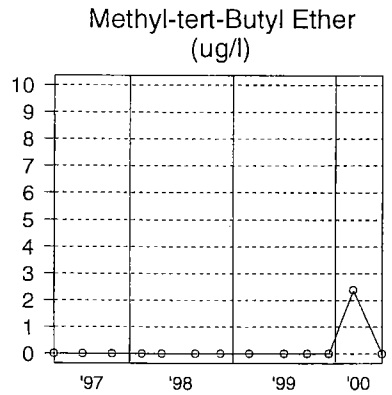
SELFM-PW-EV









SOURCE: 15

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
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FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-
04/08/1997	FMETL	2.05	1.26	4.47	ND
07/17/1997	FMETL	2.55	ND	4.72	ND
10/30/1997	FMETL	1.76	ND	1.86	ND
02/10/1998	FMETL	ND	ND	6.23	ND
04/21/1998	FMETL	ND	ND	4.58	ND
08/19/1998	FMETL	2.94	1.63	4.33	ND
11/18/1998	FMETL	ND	ND	1.48	ND
02/25/1999	FMETL	ND	ND	6.06	ND
06/29/1999	FMETL	3.56	2.25	7.70	ND
09/22/1999	FMETL	2.74	ND	2.63	ND
12/09/1999	FMETL	1.79	ND	4.13	ND
03/01/2000	FMETL	1.28	1.27	6.47	2.33
06/12/2000	FMETL	ND	ND	3.74	ND

SOURCE: 16

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

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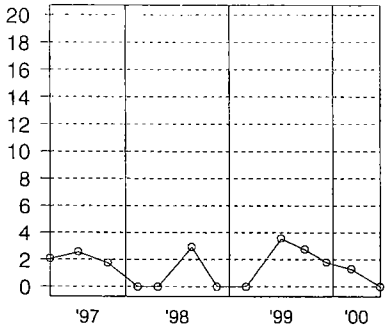
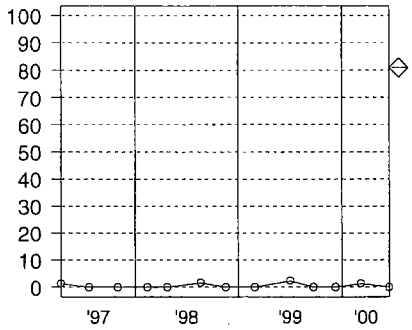
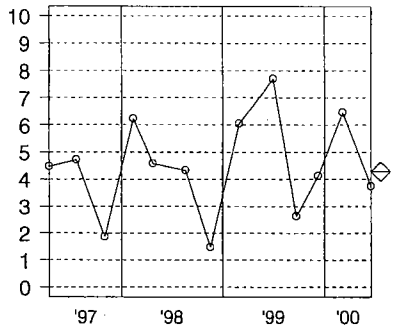
cis-1,2-Dichloroethene
(ug/l)



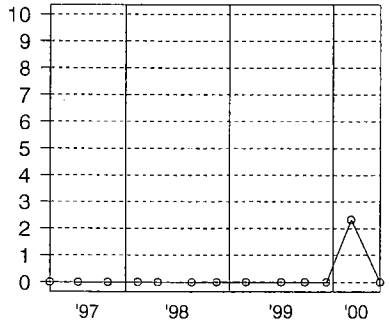
Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 16

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

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06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Chloro benzene
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-	21000
04/08/1997	FMETL	ND	ND	ND	1.97	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	1.59
04/21/1998	FMETL	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND
11/18/1998	FMETL	4.43	2.12	5.09	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND
09/22/1999	FMETL	1.09	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	ND	ND
03/01/2000	FMETL	ND	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND

SOURCE: 17

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

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Streams

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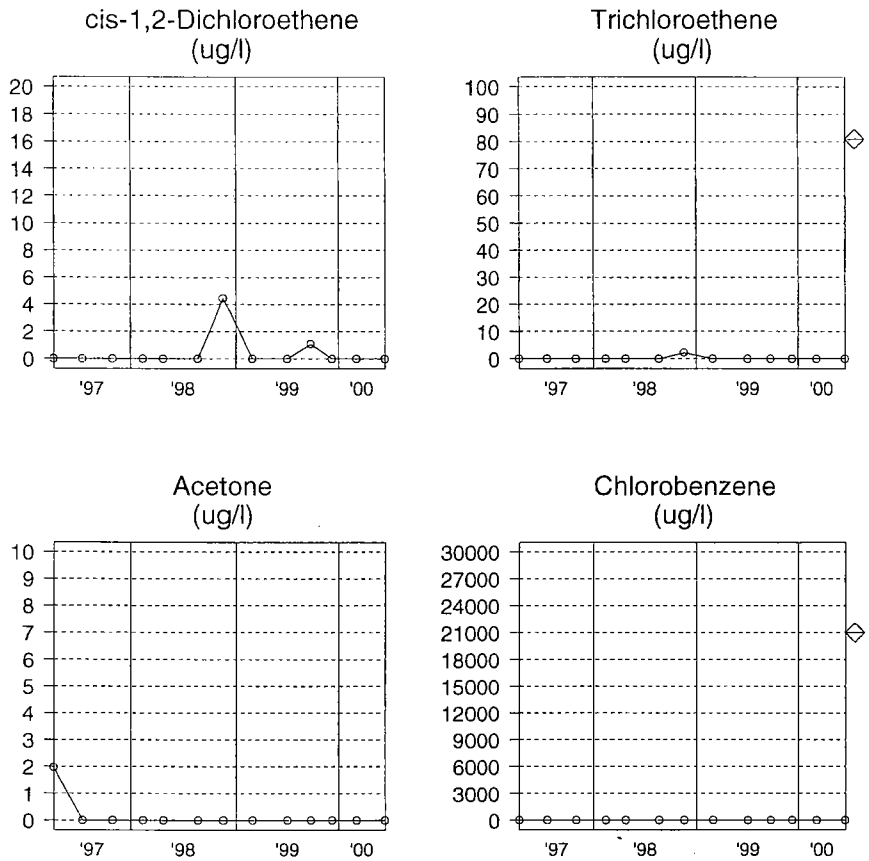

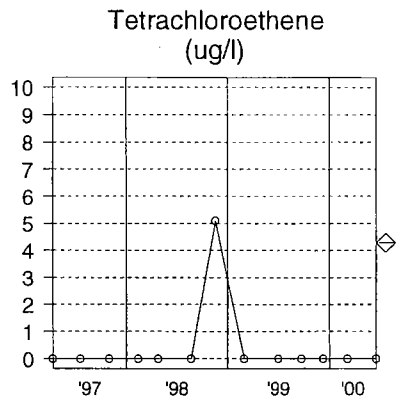

SOURCE: 17

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 12 of 17, Graph

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FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Chloro benzene
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-	21000
04/08/1997	FMETL	ND	ND	ND	ND	ND
07/17/1997	FMETL	1.06	ND	ND	ND	ND
10/30/1997	FMETL	5.87	ND	ND	ND	ND
02/10/1998	FMETL	14.36	ND	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	ND	ND
08/19/1998	FMETL	4.65	ND	ND	ND	ND
11/18/1998	FMETL	3.18	ND	ND	ND	ND
02/25/1999	FMETL	3.95	ND	ND	ND	ND
06/29/1999	FMETL	1.47	ND	ND	ND	ND
09/21/1999	FMETL	4.67	ND	ND	ND	ND
12/09/1999	FMETL	4.90	ND	ND	ND	ND
03/01/2000	FMETL	5.57	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND

SOURCE: 18

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

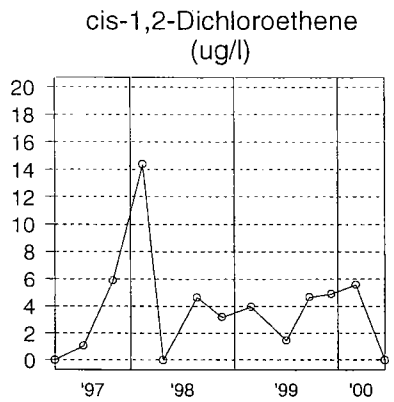
PAGE 1 OF 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

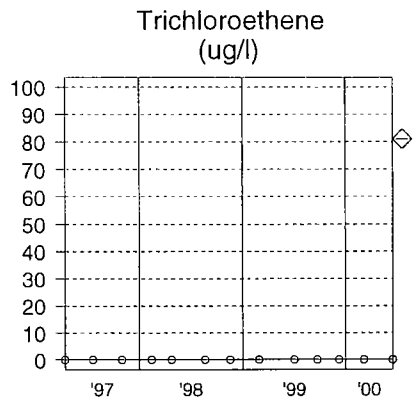
Fort Monmouth

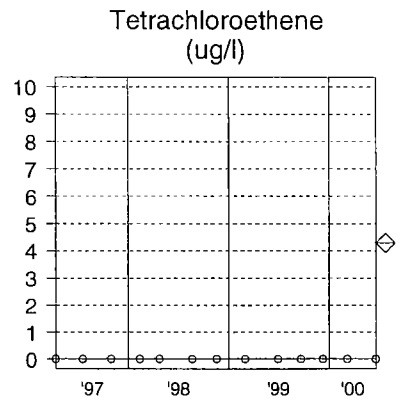
GW Monitoring
Streams

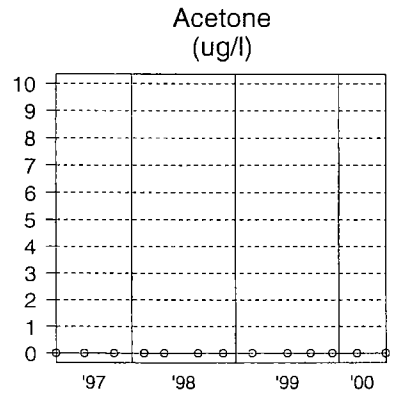
Well 13 of 17

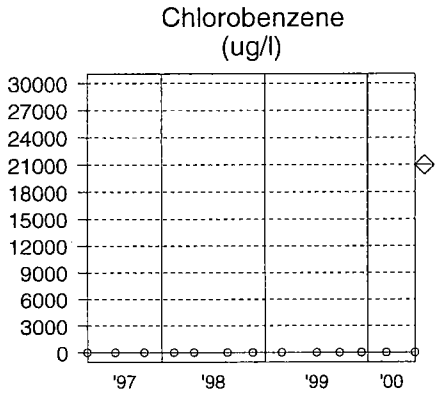
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 18

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 13 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Chloro benzene
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-	21000
04/08/1997	FMETL	6.44	ND	ND	ND	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND
10/30/1997	FMETL	4.69	ND	ND	ND	ND
02/10/1998	FMETL	8.22	ND	ND	ND	ND
04/21/1998	FMETL	6.86	ND	ND	ND	ND
08/19/1998	FMETL	2.95	ND	ND	ND	ND
11/17/1998	FMETL	2.3	ND	ND	ND	ND
02/25/1999	FMETL	2.30	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND
09/21/1999	FMETL	3.53	ND	ND	ND	ND
12/09/1999	FMETL	2.60	ND	ND	ND	ND
03/01/2000	FMETL	2.92	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND

SOURCE: 19

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Well 14 of 17

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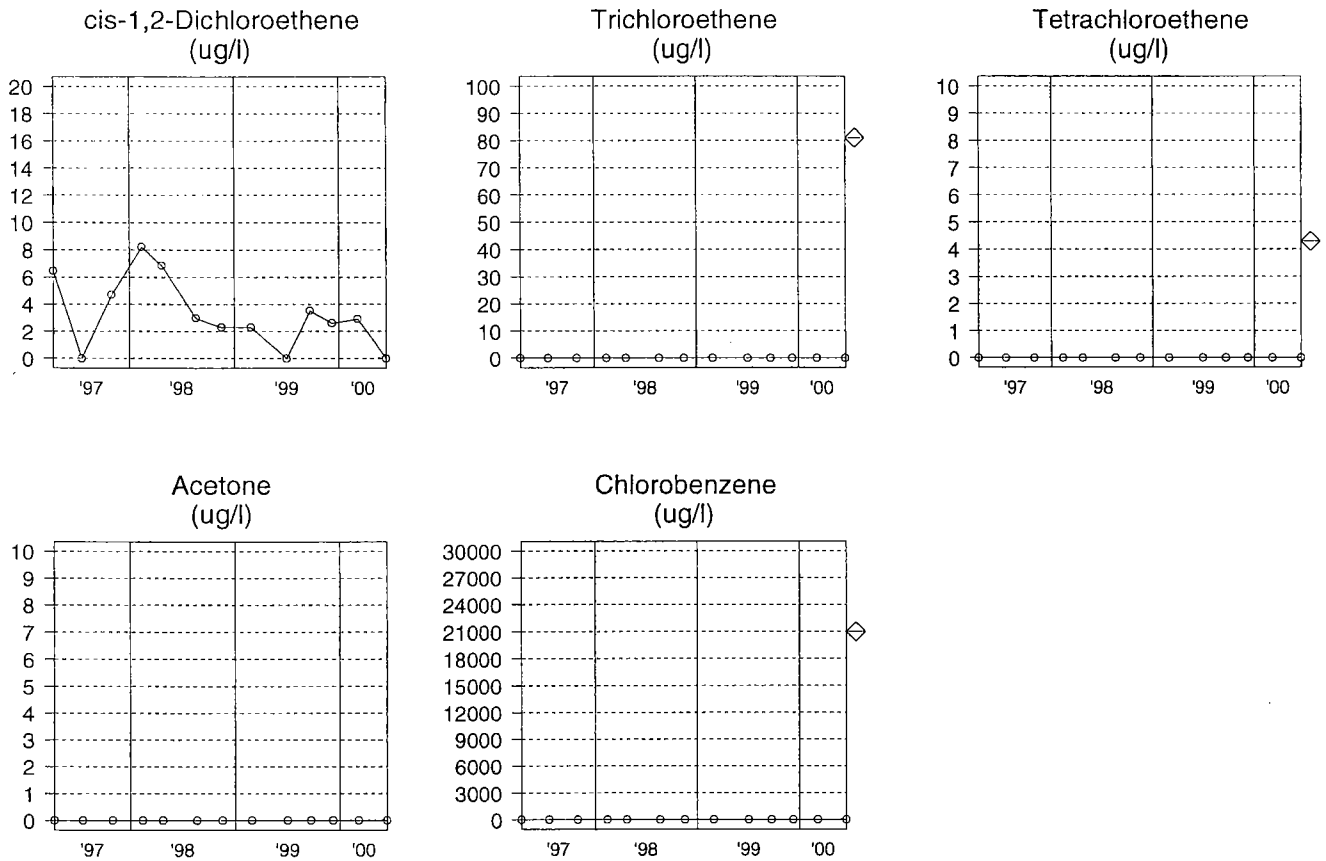
SELFM-PW-EV



SOURCE: 19

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 14 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	27900	-
04/08/1997	FMETL	2.18	ND
07/17/1997	FMETL	ND	2.63
10/30/1997	FMETL	ND	ND
02/10/1998	FMETL	ND	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	ND	4.85
11/17/1998	FMETL	ND	ND
02/25/1999	FMETL	ND	ND
06/29/1999	FMETL	ND	5.70
09/21/1999	FMETL	ND	2.10
12/09/1999	FMETL	ND	ND
03/01/2000	FMETL	ND	ND
06/12/2000	FMETL	ND	6.38

SOURCE: 20

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Well 15 of 17

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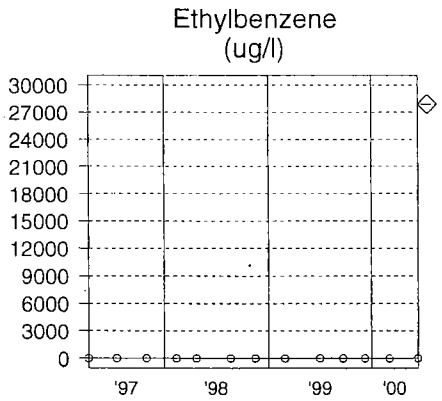

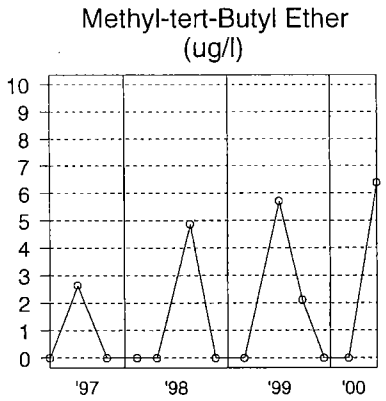

SOURCE: 20

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 15 of 17, Graph

U.S.ARMY
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06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	-	-
04/08/1997	FMETL	ND	ND	ND
07/17/1997	FMETL	ND	ND	2.90
10/30/1997	FMETL	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND
08/19/1998	FMETL	ND	ND	4.71
11/17/1998	FMETL	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND
06/29/1999	FMETL	ND	ND	7.40
09/21/1999	FMETL	1.17	ND	2.24
12/09/1999	FMETL	ND	27.52	ND
03/01/2000	FMETL	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND

SOURCE: 21

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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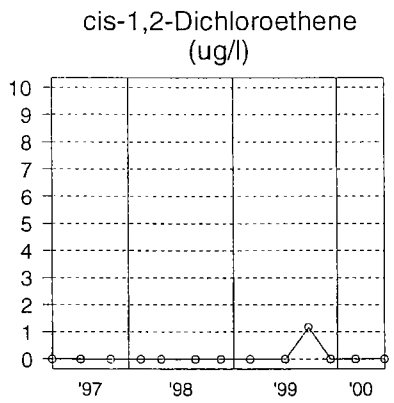

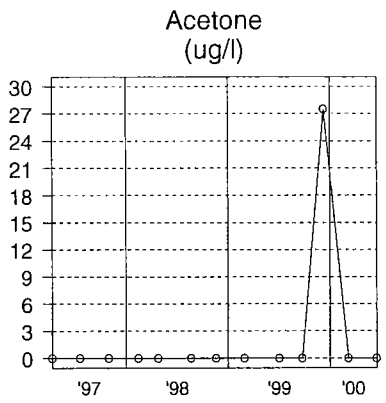

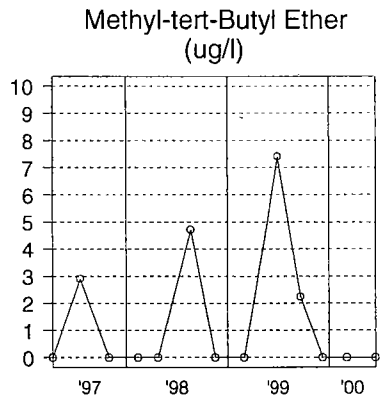

SOURCE: 21

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 16 of 17, Graph

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FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	-	-
04/08/1997	FMETL	ND	ND
07/17/1997	FMETL	ND	4.26
10/30/1997	FMETL	ND	ND
02/10/1998	FMETL	ND	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	ND	4.50
11/17/1998	FMETL	ND	ND
02/25/1999	FMETL	ND	ND
06/29/1999	FMETL	ND	8.30
09/21/1999	FMETL	ND	0.82
12/09/1999	FMETL	32.77	ND
03/01/2000	FMETL	ND	ND
06/12/2000	FMETL	ND	10.26
06/12/2000D	FMETL	ND	10.66

SOURCE: 22

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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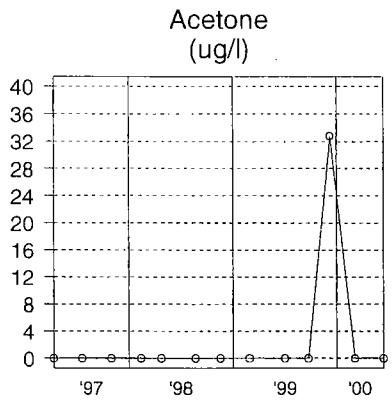

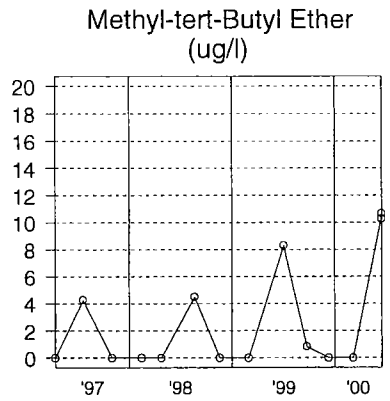

SOURCE: 22

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 17 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Tetrachloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	4.29
06/12/2000	FMETL	5.60

SOURCE: 23

Sampling Dates:
06/12/2000 - 06/12/2000

NOTES:

Fort Monmouth

GW Monitoring
Streams

Well 18 of 23

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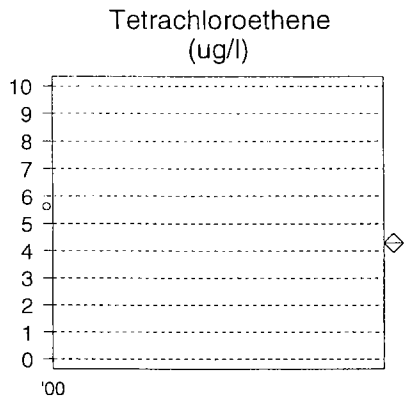
SELFM-PW-EV



SOURCE: 23

Sampling Dates:
06/12/2000 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Tetrachloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	4.29
06/12/2000	FMETL	4.72

SOURCE: 24

Sampling Dates:
06/12/2000 - 06/12/2000

NOTES:

Fort Monmouth

GW Monitoring
Streams

Well 19 of 23

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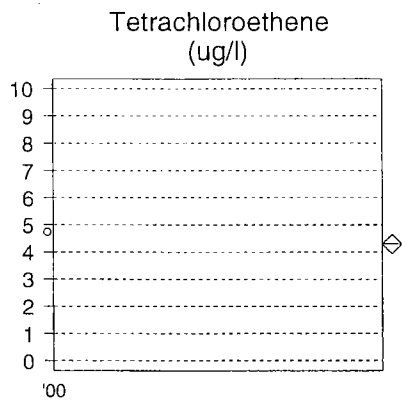
SELFM-PW-EV



SOURCE: 24

Sampling Dates:
06/12/2000 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

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: 3rd QTR Stream

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	5658.04	Aqueous	24-Aug-00 09:10	08/24/00
Stream Site #21	5658.05	Aqueous	24-Aug-00 09:17	08/24/00
Stream Site #20	5658.06	Aqueous	24-Aug-00 09:27	08/24/00
Stream Site #09	5658.07	Aqueous	24-Aug-00 09:39	08/24/00
Stream Site #19	5658.08	Aqueous	24-Aug-00 09:49	08/24/00
Stream Site #12	5658.09	Aqueous	24-Aug-00 09:59	08/24/00
Stream Site #18	5658.10	Aqueous	24-Aug-00 10:09	08/24/00
Stream Site #11	5658.11	Aqueous	24-Aug-00 10:18	08/24/00
Stream Site #15	5658.12	Aqueous	24-Aug-00 10:37	08/24/00
Stream Site #13	5658.13	Aqueous	24-Aug-00 10:49	08/24/00
Stream Site #16	5658.14	Aqueous	24-Aug-00 10:58	08/24/00
Stream Site #05	5658.15	Aqueous	24-Aug-00 12:10	08/24/00
Stream Site #04	5658.16	Aqueous	24-Aug-00 11:59	08/24/00
Stream Site #07	5658.17	Aqueous	24-Aug-00 11:37	08/24/00
Stream Site #17	5658.18	Aqueous	24-Aug-00 12:28	08/24/00
Stream Site #03	5658.19	Aqueous	24-Aug-00 12:48	08/24/00
Stream Site #14	5658.20	Aqueous	24-Aug-00 12:59	08/24/00
Stream Site #23	5658.21	Aqueous	24-Aug-00 10:27	08/24/00
Stream Site #24	5658.22	Aqueous	24-Aug-00 11:10	08/24/00
Stream Site #25	5658.23	Aqueous	24-Aug-00 12:19	08/24/00
Stream Site #26	5658.24	Aqueous	24-Aug-00 12:37	08/24/00
Stream Site #28	5658.25	Aqueous	24-Aug-00 11:49	08/24/00
Stream Site #27	5658.26	Aqueous	24-Aug-00 11:25	08/24/00

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, PCB's, WET CHEMISTRY

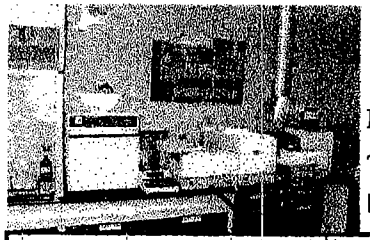
9-29-00

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

SAMPLING



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X26223
( )DERA ( )OMA ( )Other:

Project No:
Location: Streams 3rd Qtr 00

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL/H_2SO_4/<4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOTs	NH_3/NO_3	PO_4/SO_4	Total Coli.	PCB's	pH (SU)	Temp (°C)	Dsolvd O_2	Remarks / Preservation Method	
SLE58 .01	Trip	8/24/00	~~0910~~ 0930	AQ	2	✓					—	—	—		
.02	Field Blank		0900		5	✓	✓	✓	CPT	✓	—	—	—	Salinity	
.03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	d_{20}^{20}	‰
.04	Stream Site #22		0910		6	✓	✓	✓	✓	✓	6.88	23.5	6.71	1.012	17.0
.05	#21		0917			✓	✓	✓	✓	✓	7.21	23.4	6.51	1.009	13.0
.06	#20		0927			✓	✓	✓	✓	✓	7.23	23.4	7.23	1.009	13.0
.07	#09		0939			✓	✓	✓	✓	✓	7.67	22.9	8.41	1.001	2.0
.08	#19		0949			✓	✓	✓	✓	✓	8.07	21.7	8.71	1.000	0.0
.09	#12		0959			✓	✓	✓	✓	✓	7.79	22.2	7.43	1.000	0.0
.10	#18		1009			✓	✓	✓	✓	✓	7.75	22.4	8.11	1.000	0.0
.11	#11*		1018			✓	✓	✓	✓	✓	7.19	19.4	8.23	1.000	0.0
.12	#15		1037			✓	✓	✓	✓	✓	7.28	21.2	8.71	1.000	0.0 cloudy
.13	#13		1049			✓	✓	✓	✓	✓	7.21	19.9	9.21	1.000	0.0 cloudy
.14	#16		1058			✓	✓	✓	✓	✓	6.33	20.2	6.21	1.000	0.0

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	8/24/00 1300	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

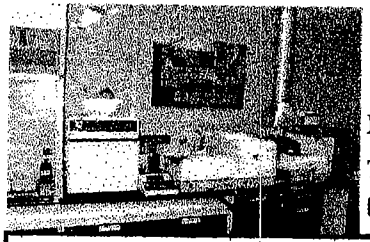
Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: HW

• 8-25-00 D.C. .02 – .15 Extracted

print legibly

Coc rlo8/16/00



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallow
Phone #: X 26223
( )DERA ( )OMA ( )Other:

Project No:
Location: Streams
3rd Qtr '00

Samplers Name / Company: Carey McCormack, TVS

Comments: HCL/H_2SO_4/C4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA's	NH_3/NO_3	PO_4/SO_4	Total/Coli	PCB's	pH SU	Temp °C	Dissolved O_2	Remarks / Preservation Method	
5658:15	Stream Site #5	8/24/00	1210	AQ	6	✓	✓	✓	✓	✓	7.25	22.7	7.21	1.000	1.0
.16	#4		1159			✓	✓	✓	✓	✓	7.27	23.0	7.35	1.001	2.0
.17	#7		1137			✓	✓	✓	✓	✓	6.84	24.4	7.41	1.001	2.0
.18	#17		1228			✓	✓	✓	✓	✓	7.24	22.1	7.20	1.000	0.0
.19	#3		1248			✓	✓	✓	✓	✓	7.23	20.7	8.88	1.000	0.0
.20	#14		1259			✓	✓	✓	✓	✓	7.37	19.5	9.23	1.00	0.0
.21	#23		1027			✓	✓	✓	✓	✓	7.26	21.3	6.23	1.000	0.0 very cloudy
.22	#24		1110			✓	✓	✓	✓	✓	6.31	20.5	8.01	1.000	0.0
.23	#25		1219			✓	✓	✓	✓	✓	7.21	22.6	7.91	1.000	1.0
.24	#26		1237			✓	✓	✓	✓	✓	7.22	20.9	8.21	1.000	0.0
.25	#28		1149			✓	✓	✓	✓	✓	7.29	23.2	7.17	1.001	2.0
.26	#27		1125			✓	✓	✓	✓	✓	6.81	24.7	7.23	1.002	3.0

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Carey McCormack	8/24/00 1300	[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, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H→O

print legibly

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	: Method Detection Limit
J	: Compound Identified Below Detection Limit
B	: Compound is in Both Sample and Blank
D	: Results are from a Dilution of the Sample
U	: Compound Searched for but not Detected
E	: Compound Exceeds Calibration Limit

FRESH WATER

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003638.D**	Sample Name	**Vblk103**
Operator	**Skelton**	Field ID	**Vblk103**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

9/21/00 2:07 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Vblk103

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk103

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003638.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003642.D**	Sample Name	**5658.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone	9.02	317863	11.27 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003642.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003643.D**	Sample Name	**5658.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone	9.03	305329	9.08 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003643.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003644.D**	Sample Name	**5658.03**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone	9.04	223514	6.22 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.83	1216873	8.70 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003644.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003660.D**	Sample Name	**5658.19**
Operator	**Skelton**	Field ID	**StreamSite#03**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

9/21/00 2:08 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS3

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5658.19

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003660.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. _____ Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC003652.D	Sample Name	5658.11
Operator	Skelton	Field ID	StreamSite#11
Date Aquired	5-Sep-00	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.87	1303886	9.08 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

9/21/00 2:07 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS11

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003652.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003650.D**	Sample Name	**5658.09**
Operator	**Skelton**	Field ID	**StreamSite#12**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.86	280496	2.00 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS12

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5658.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003650.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. _____ Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003654.D**	Sample Name	**5658.13**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.86	305985	2.17 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene	20.37	148465	1.78 ug/L	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.32	384602	5.40 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS13

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003654.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003661.D**	Sample Name	**5658.20**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

9/21/00 2:08 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS14

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.20

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003661.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003653.D**	Sample Name	**5658.12**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.86	285660	2.02 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene	20.35	131044	1.58 ug/L	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.32	373278	5.20 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS15

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5658.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003653.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. _____ Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003651.D**	Sample Name	**5658.10**
Operator	**Skelton**	Field ID	**StreamSite#18**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone	9.18	558408	15.24 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.88	350417	2.46 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS18

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5658.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003651.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. _____ Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003662.D**	Sample Name	**5658.21**
Operator	**Skelton**	Field ID	**StreamSite#23**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.92	323518	2.24 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene	20.38	158928	1.82 ug/L	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.32	387141	5.18 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS23

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.21

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003662.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003663.D**	Sample Name	**5658.22**
Operator	**Skelton**	Field ID	**StreamSite#24**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.93	227178	1.54 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene	20.38	126543	1.41 ug/L	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.33	331028	4.33 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS24

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.22

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003663.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003665.D**	Sample Name	**5658.24**
Operator	**Skelton**	Field ID	**StreamSite#26**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

9/26/00 1:01 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS26

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.24

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003665.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SALT WATER

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003638.D**	Sample Name	**Vblk103**
Operator	**Skelton**	Field ID	**Vblk103**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Vblk103

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk103

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003638.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003642.D**	Sample Name	**5658.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone	9.02	317863	11.27 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5658.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003642.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. _____ Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003643.D**	Sample Name	**5658.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone	9.03	305329	9.08 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

9/21/00 2:06 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003643.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003657.D**	Sample Name	**5658.16**
Operator	**Skelton**	Field ID	**StreamSite#04**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.88	167595	1.19 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene	20.35	99468	1.19 ug/L	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.32	236010	3.19 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS4

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.16

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003657.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003656.D**	Sample Name	**5658.15**
Operator	**Skelton**	Field ID	**StreamSite#05**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.89	168763	1.19 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.31	249736	3.44 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS5

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.15

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003656.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003658.D**	Sample Name	**5658.17**
Operator	**Skelton**	Field ID	**StreamSite#07**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.32	129837	1.77 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS7

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5658.17

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003658.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. _____ Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003648.D**	Sample Name	**5658.07**
Operator	**Skelton**	Field ID	**StreamSite#09**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.87	161261	1.11 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

9/21/00 2:06 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS09

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003648.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003655.D**	Sample Name	**5658.14**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.90	244340	1.68 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene	20.36	111882	1.28 ug/L	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.32	330881	4.47 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

9/21/00 2:06 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS16

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003655.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003659.D**	Sample Name	**5658.18**
Operator	**Skelton**	Field ID	**StreamSite#17**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS17

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5658.18

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003659.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. _____ Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003649.D**	Sample Name	**5658.08**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.88	296739	2.07 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS19

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5658.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003649.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. _____ Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003647.D**	Sample Name	**5658.06**
Operator	**Skelton**	Field ID	**StreamSite#20**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	12.11	664181	2.58 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS20

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003647.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003646.D**	Sample Name	**5658.05**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	12.10	684229	2.67 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone	9.14	166777	4.56 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS21

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5658.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003646.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. _____ Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003645.D**	Sample Name	**5658.04**
Operator	**Skelton**	Field ID	**StreamSite#22**
Date Aquired	**5-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone	9.07	200587	5.53 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS22

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003645.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/5/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003664.D**	Sample Name	**5658.23**
Operator	**Skelton**	Field ID	**StreamSite#25**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS25

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.23

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003664.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003667.D**	Sample Name	**5658.26**
Operator	**Skelton**	Field ID	**StreamSite#27**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.33	135043	1.72 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS27

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5658.26

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003667.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC003666.D**	Sample Name	**5658.25**
Operator	**Skelton**	Field ID	**StreamSite#28**
Date Aquired	**6-Sep-00**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.96	190191	1.28 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene	20.42	98094	1.07 ug/L	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.32	286157	3.67 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS28

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5658 Location: 3rd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5658.25

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC003666.D

Level: (low/med) LOW Date Received: 8/24/00

% Moisture: not dec. _____ Date Analyzed: 9/6/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

PCB's

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK568
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	8/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK569
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	8/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/30/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0519	**ND**
Arochlor 1221	**1**		0.50	0.1593	**ND**
Arochlor 1232	**1**		0.50	0.0650	**ND**
Arochlor 1242	**1**		0.50	0.1047	**ND**
Arochlor 1248	**1**		0.50	0.0629	**ND**
Arochlor 1254	**1**		0.50	0.0742	**ND**
Arochlor 1260	**1**		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #22
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #21
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #20
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0519	**ND**
Arochlor 1221	**1**		0.50	0.1593	**ND**
Arochlor 1232	**1**		0.50	0.0650	**ND**
Arochlor 1242	**1**		0.50	0.1047	**ND**
Arochlor 1248	**1**		0.50	0.0629	**ND**
Arochlor 1254	**1**		0.50	0.0742	**ND**
Arochlor 1260	**1**		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #19
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #12
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #18
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.12
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #15
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.13
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #13
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.14
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #16
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.15
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #5
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.16
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #4
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.17
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/29/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #7
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.18
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #17
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.19
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #3
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.20
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #14
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.21
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.22
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #24
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.23
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #25
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.24
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #26
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5658.25
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #28
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5856.26
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/24/00
	Bldg. 173	**Extraction Date:**	8/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Steam Site #27
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

WET CHEMISTRY

Stream Water Analysis
August 2000

Sample ID	Date Sampled	Stream Site#	Temp °C	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
5658.04	08/24/00	22	23.5	6.88	0.271	0.4	ND	1500	6.71	4300	220	17.0
5658.05	08/24/00	21	23.4	7.21	0.544	0.3	ND	1200	6.51	80	20	13.0
5658.06	08/24/00	20	23.4	7.23	0.559	ND	ND	1150	7.23	220	40	13.0
5658.07	08/24/00	09	22.9	7.67	0.603	0.6	ND	104	8.41	240	40	2.0
5658.08	08/24/00	19	21.7	8.07	0.119	1.0	ND	22	8.71	1400	60	0.0
5658.09	08/24/00	12	22.2	7.79	ND	1.2	ND	27	7.43	2200	60	0.0
5658.10	08/24/00	18	22.4	7.75	0.102	0.9	ND	23	8.11	220	ND	0.0
5658.11	08/24/00	11	19.4	7.19	0.219	1.3	ND	26	8.23	400	ND	0.0
5658.12	08/24/00	15	21.2	7.28	0.570	1.0	ND	39	8.71	3100	280	0.0
5658.13	08/24/00	13	19.9	7.21	0.561	0.9	ND	35	9.21	7000	3100	0.0
5658.14	08/24/00	16	20.2	6.33	0.429	1.0	ND	29	6.21	3400	2800	0.0
5658.15	08/24/00	5	22.7	7.25	0.533	1.0	ND	32	7.21	3900	100	1.0
5658.16	08/24/00	4	23.0	7.27	0.484	0.9	ND	29	7.35	7200	180	2.0
5658.17	08/24/00	7	24.4	6.84	0.490	0.3	ND	95	7.41	6400	40	2.0
5658.18	08/24/00	17	22.1	7.24	0.621	0.5	ND	30	7.20	5100	320	0.0
5658.19	08/24/00	3	20.7	7.23	0.695	0.5	ND	30	8.88	14100	380	0.0
5658.20	08/24/00	14	19.5	7.37	0.132	0.5	ND	28	9.23	9200	480	0.0
5658.21	08/24/00	23	21.3	7.26	0.496	1.0	ND	38	6.23	6400	1900	0.0
5658.22	08/24/00	24	20.5	6.31	0.452	0.9	ND	31	8.01	6900	2400	0.0
5658.23	08/24/00	25	22.6	7.21	0.800	0.5	ND	32	7.91	4600	220	1.0
5658.24	08/24/00	26	20.4	7.22	0.800	0.5	ND	30	8.21	3900	300	0.0
5658.25	08/24/00	28	23.2	7.29	0.586	0.9	ND	27	7.17	9200	900	2.0
5658.26	08/24/00	27	24.7	6.81	0.612	0.4	ND	100	7.23	7200	600	3.0

mg/L = parts per million
cfu = colony forming units
ND = Not Detected

Completed:09/13/00
Reviewed: 09/13/00

9-29-00

Daniel K. Wright
Laboratory Director

LTM

	Lab	Methylene Chloride	Tetrachloro ethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	2.49	0.388
04/08/1997	FMETL	2.00	ND
07/17/1997	FMETL	ND	ND
10/30/1997	FMETL	ND	ND
02/10/1998	FMETL	ND	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	ND	ND
11/18/1998	FMETL	ND	1.09
02/25/1999	FMETL	ND	ND
06/29/1999	FMETL	ND	ND
09/22/1999	FMETL	ND	ND
12/09/1999	FMETL	ND	ND
03/01/2000	FMETL	ND	ND
06/12/2000	FMETL	ND	ND
08/24/2000	FMETL	ND	ND

SOURCE: 3

Sampling Dates:
04/08/1997 - 08/24/2000

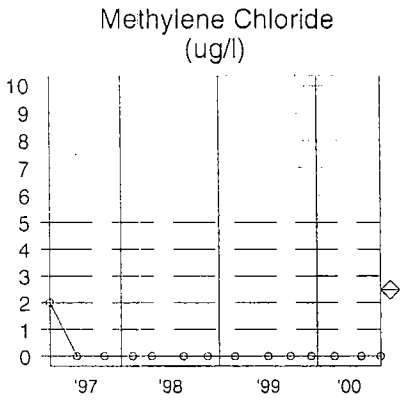
NOTES:

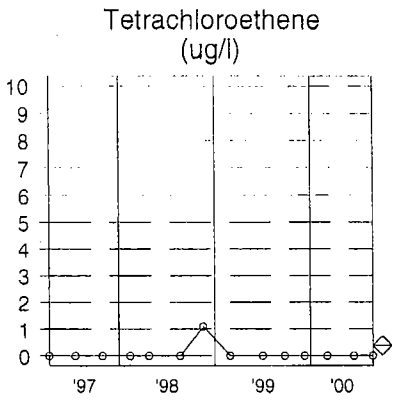
Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

Fort Monmouth

GW Monitoring
Streams

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 3

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-27-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether						Notes
Units:	-	ug/l	ug/l	ug/l	ug/l						-
NJDEP Criteria:	-	-	81	4.29	-						-
04/08/1997	FMETL	2.18	ND	ND	ND						
07/17/1997	FMETL	1.63	ND	1.61	ND						
10/30/1997	FMETL	ND	ND	1.24	ND						
02/10/1998	FMETL	ND	ND	6.61	ND						
04/21/1998	FMETL	ND	ND	4.42	ND						
08/19/1998	FMETL	1.92	1.10	2.85	ND						
11/17/1998	FMETL	1.19	ND	1.62	ND						
02/25/1999	FMETL	ND	ND	5.61	ND						
06/29/1999	FMETL	2.41	1.56	5.27	ND						
09/22/1999	FMETL	2.02	ND	1.85	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	1.23	1.26	6.18	2.18						
06/12/2000	FMETL	ND	ND	4.37	ND						
08/24/2000	FMETL	1.19	1.19	3.19	ND						

SOURCE: 4

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

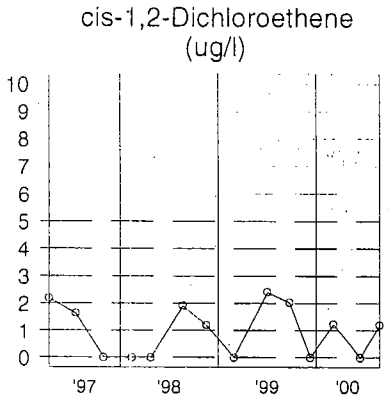
PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit is NLE
TCE limit is 81
PCE limit is 4.29

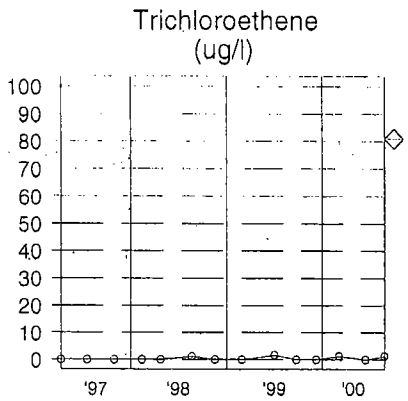
Fort Monmouth

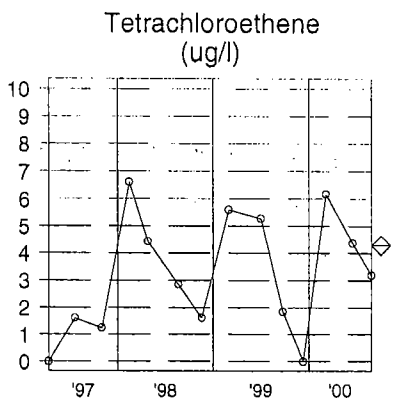
GW Monitoring
Streams

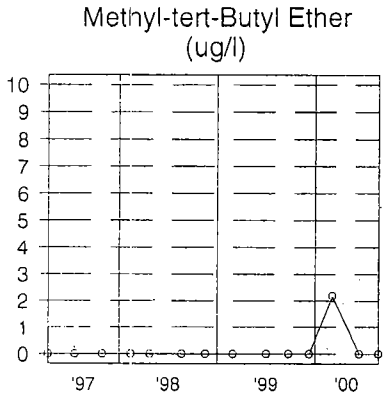
Source 2 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV









SOURCE: 4

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	1600	-	81	4.29	-
04/08/1997	FMETL	1.96	1.80	ND	2.28	ND
07/17/1997	FMETL	ND	3.66	ND	3.54	ND
10/30/1997	FMETL	ND	1.83	ND	1.70	ND
02/10/1998	FMETL	ND	ND	ND	6.34	ND
04/21/1998	FMETL	ND	ND	ND	4.48	ND
08/19/1998	FMETL	ND	2.28	1.27	3.39	ND
11/17/1998	FMETL	ND	1.67	ND	2.17	ND
02/25/1999	FMETL	ND	ND	ND	5.45	ND
06/29/1999	FMETL	ND	2.74	1.74	6.04	ND
09/22/1999	FMETL	ND	1.96	ND	1.82	ND
12/09/1999	FMETL	ND	1.60	ND	3.82	ND
03/01/2000	FMETL	ND	1.27	1.36	6.62	2.34
06/12/2000	FMETL	ND	ND	ND	4.38	ND
08/24/2000	FMETL	ND	1.19	ND	3.44	ND

SOURCE: 5

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

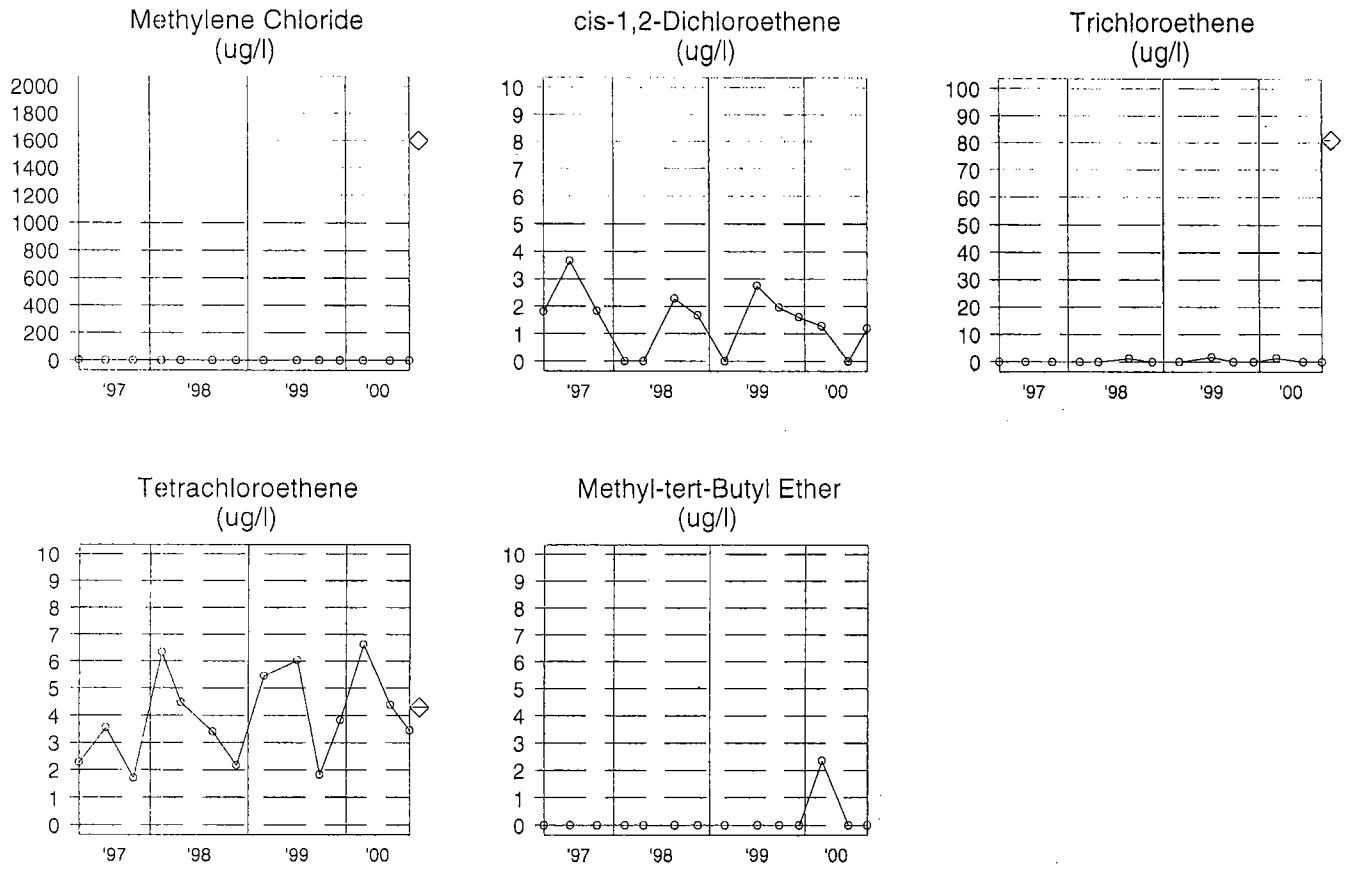
Page 1 of 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 5

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-27-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-	-
04/08/1997	FMETL	ND	ND	ND	ND	ND
07/17/1997	FMETL	1.14	ND	1.08	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	2.04	ND	ND
04/21/1998	FMETL	ND	ND	2.40	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND
11/17/1998	FMETL	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	2.85	ND	ND
06/29/1999	FMETL	ND	ND	1.42	2.94	2.00
09/22/1999	FMETL	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	ND	ND
03/01/2000	FMETL	1.19	1.30	6.47	ND	2.14
06/12/2000	FMETL	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	ND	1.77	ND	ND

SOURCE: 7

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

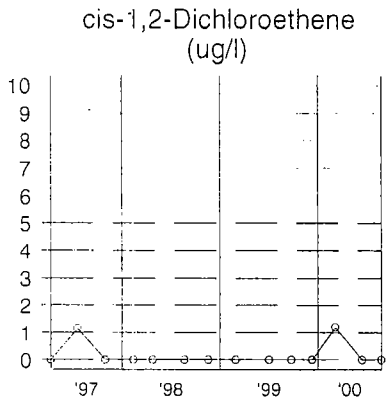
Page 1 of 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

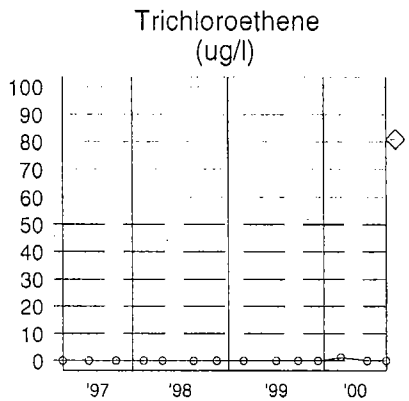
Fort Monmouth

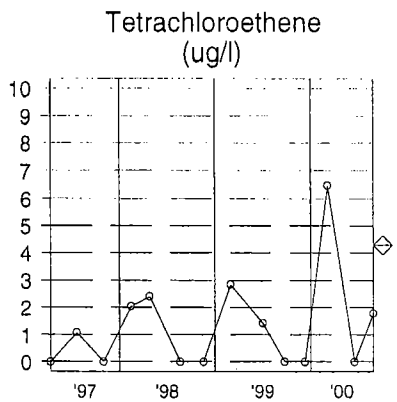
GW Monitoring
Streams

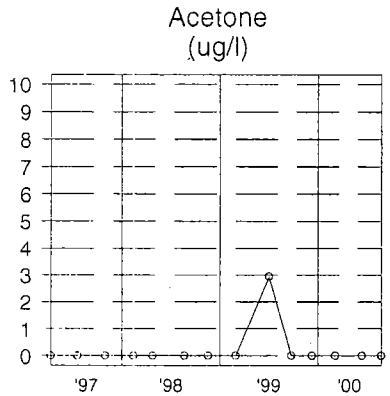
Source 4 of 23

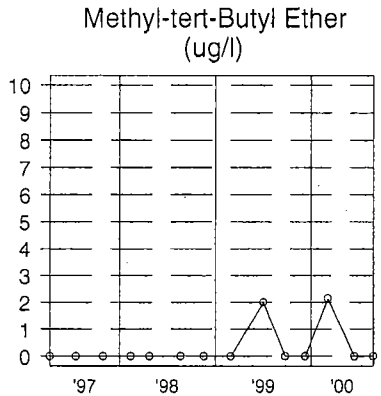
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 7

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-27-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	1600	-	-
04/08/1997	FMETL	1.82	2.78	ND
07/17/1997	FMETL	ND	ND	ND
10/30/1997	FMETL	ND	2.14	ND
02/10/1998	FMETL	ND	6.00	ND
04/21/1998	FMETL	ND	4.73	ND
08/19/1998	FMETL	ND	1.69	ND
11/17/1998	FMETL	ND	ND	ND
02/25/1999	FMETL	ND	1.78	ND
06/29/1999	FMETL	ND	ND	2.50
09/21/1999	FMETL	ND	1.91	ND
12/09/1999	FMETL	ND	ND	25.08
03/01/2000	FMETL	ND	2.17	ND
06/12/2000	FMETL	ND	ND	ND
08/24/2000	FMETL	ND	1.11	ND

SOURCE: 9

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

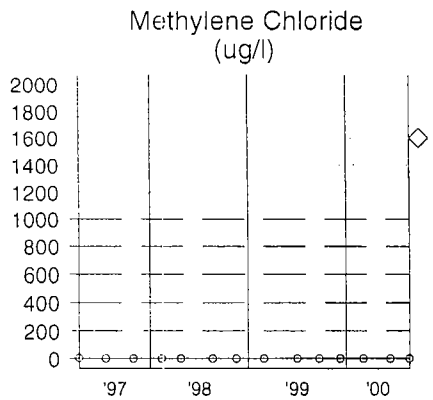
PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

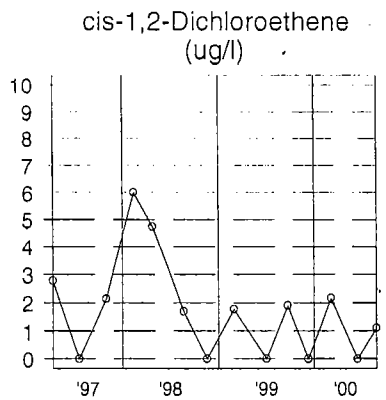
Fort Monmouth

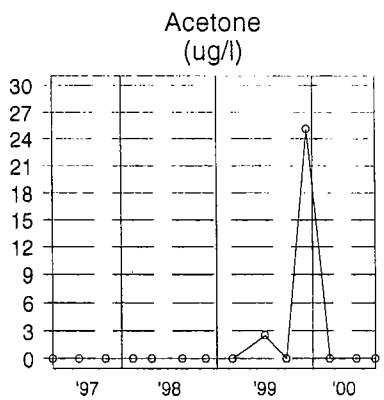
GW Monitoring
Streams

Source 5 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 9

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-27-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	-	-
04/08/1997	FMETL	18.72	1.58	ND	ND
07/17/1997	FMETL	14.13	ND	ND	ND
10/30/1997	FMETL	18.23	ND	ND	ND
02/10/1998	FMETL	24.71	2.14	ND	ND
04/21/1998	FMETL	21.66	1.82	ND	ND
08/19/1998	FMETL	11.73	ND	ND	ND
11/18/1998	FMETL	8.82	ND	ND	ND
02/25/1999	FMETL	9.11	ND	ND	ND
06/29/1999	FMETL	5.77	ND	ND	ND
09/21/1999	FMETL	15.62	ND	ND	ND
12/09/1999	FMETL	11.90	ND	ND	ND
03/01/2000	FMETL	11.01	ND	ND	1.64
06/12/2000	FMETL	8.03	ND	ND	ND
08/24/2000	FMETL	9.08	ND	ND	ND
08/24/2000D	FMETL	8.70	ND	6.22	ND

SOURCE: 11

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

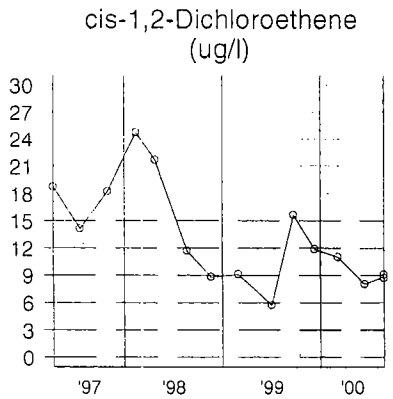
Page 1 of1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

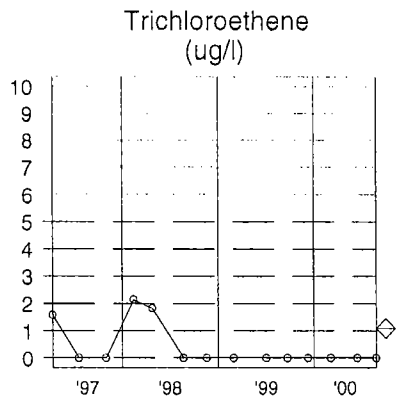
Fort Monmouth

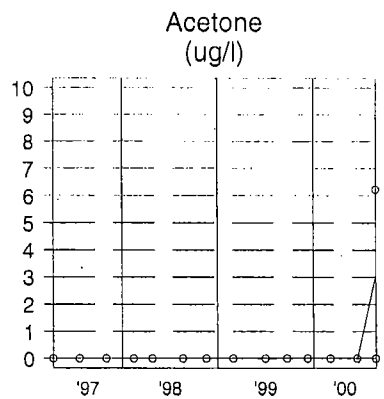
GW Monitoring
Streams

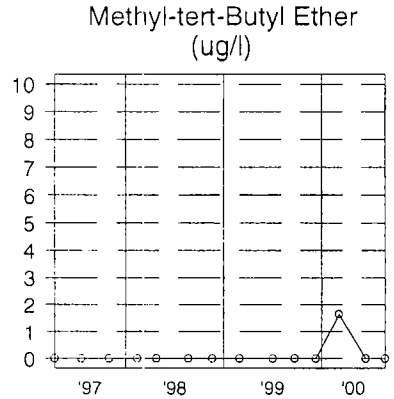
Source 6 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV









SOURCE: 11

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Acetone
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	-	-
04/08/1997	FMETL	6.63	ND
07/17/1997	FMETL	ND	ND
10/30/1997	FMETL	5.67	ND
02/10/1998	FMETL	6.54	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	4.58	ND
11/18/1998	FMETL	2.48	ND
02/25/1999	FMETL	1.80	ND
06/29/1999	FMETL	1.39	ND
09/21/1999	FMETL	3.67	9.54
12/09/1999	FMETL	2.74	ND
03/01/2000	FMETL	3.13	ND
06/12/2000	FMETL	ND	ND
08/24/2000	FMETL	2.00	ND

SOURCE: 12

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

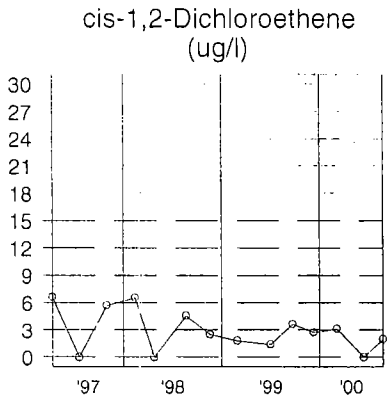
Page 1 of 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

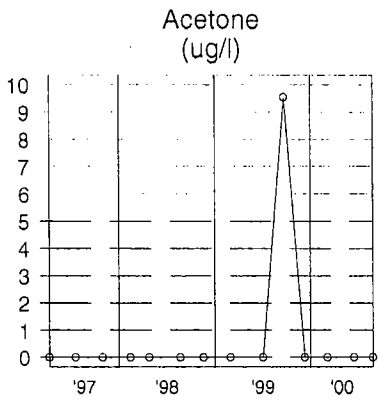
Fort Monmouth

GW Monitoring
Streams

Source 7 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 12

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	0.388	-	-
04/08/1997	FMETL	ND	ND	ND	2.81	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND
11/18/1998	FMETL	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND
09/22/1999	FMETL	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	3.94	ND	ND
03/01/2000	FMETL	1.35	1.40	6.92	ND	2.40
06/12/2000	FMETL	ND	ND	5.56	ND	ND
08/24/2000	FMETL	2.17	1.78	5.40	ND	ND

SOURCE: 13

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

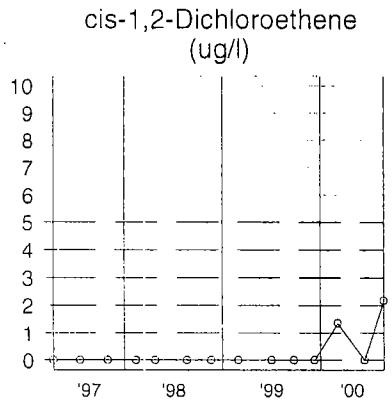
Page 1 of 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

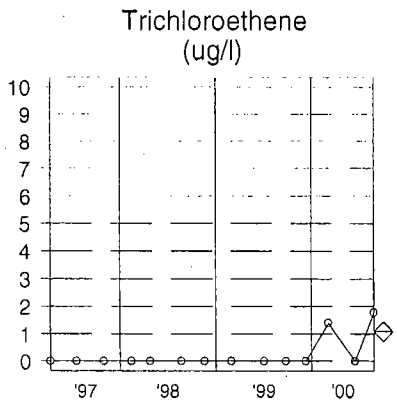
Fort Monmouth

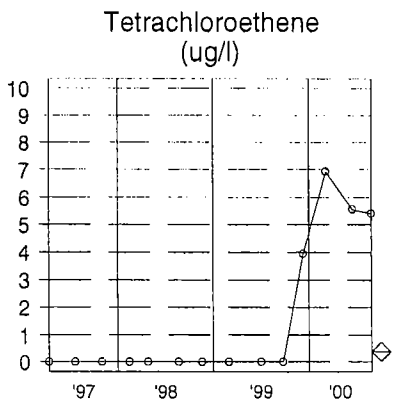
GW Monitoring
Streams

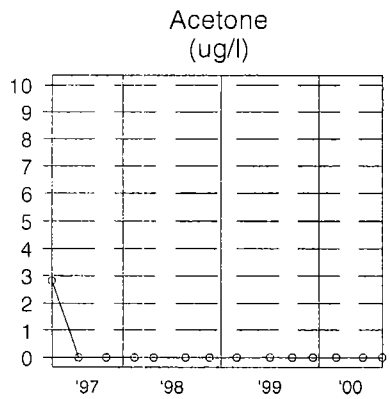
Source 8 of 23

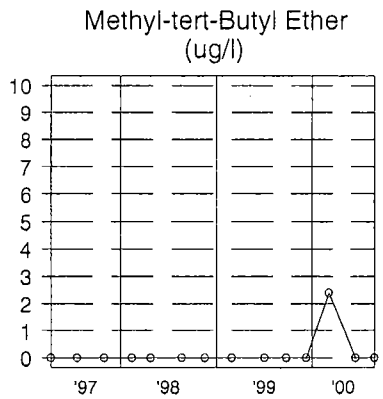
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 13

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-27-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	-
04/08/1997	FMETL	ND	ND	3.94
07/17/1997	FMETL	ND	ND	ND
10/30/1997	FMETL	1.59	1.75	ND
02/10/1998	FMETL	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND
11/18/1998	FMETL	ND	ND	3.32
02/25/1999	FMETL	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND
09/22/1999	FMETL	ND	ND	ND
12/09/1999	FMETL	11.26	ND	ND
03/01/2000	FMETL	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND
08/24/2000	FMETL	ND	ND	ND

SOURCE: 14

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

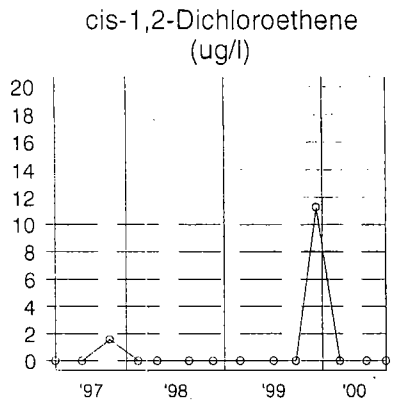
Page 1 of 1
Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

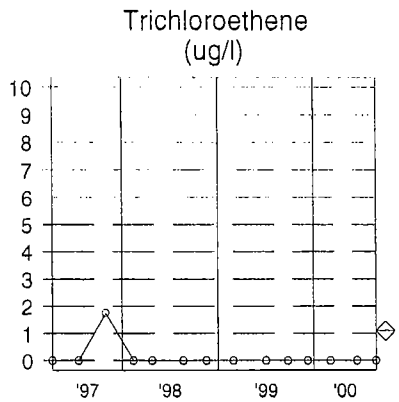
Fort Monmouth

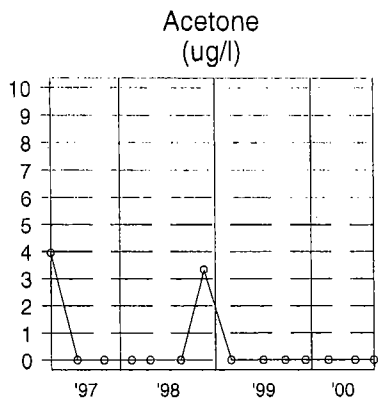
GW Monitoring
Streams

Source 9 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 14

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 9 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	0.388	-
04/08/1997	FMETL	2.69	1.60	6.00	ND
07/17/1997	FMETL	5.53	2.50	7.12	ND
10/30/1997	FMETL	2.57	ND	2.72	ND
02/10/1998	FMETL	ND	1.03	6.90	ND
04/21/1998	FMETL	1.22	1.21	5.72	ND
08/19/1998	FMETL	3.89	2.06	5.39	ND
11/18/1998	FMETL	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	7.33	ND
06/29/1999	FMETL	4.17	2.40	7.86	ND
09/21/1999	FMETL	3.59	1.37	2.61	ND
12/09/1999	FMETL	ND	ND	4.08	ND
03/01/2000	FMETL	1.39	1.39	6.95	2.38
06/12/2000	FMETL	ND	ND	5.94	ND
08/24/2000	FMETL	2.02	1.09	5.20	ND

SOURCE: 15

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

Page 1 of 1
Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

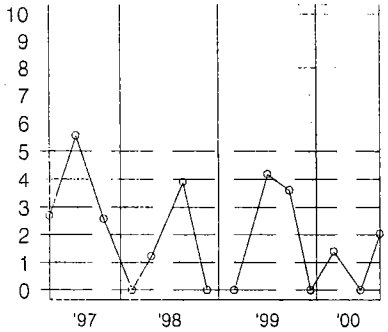
Fort Monmouth

GW Monitoring
Streams

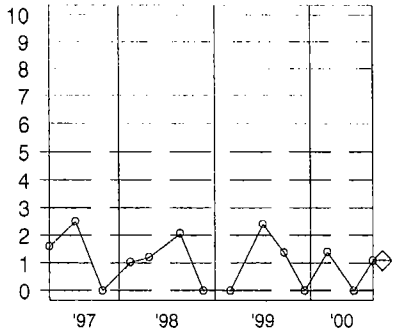
Source 10 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

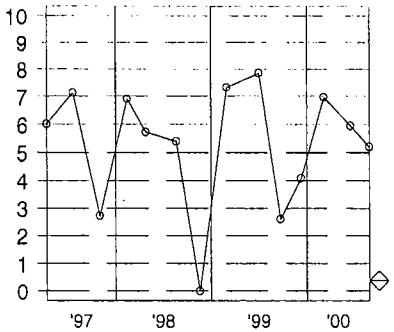
cis-1,2-Dichloroethene
(ug/l)



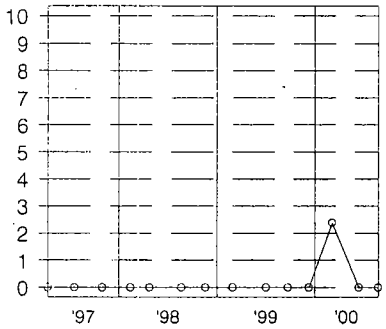
Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 15

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 10 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-
04/08/1997	FMETL	2.05	1.26	4.47	ND
07/17/1997	FMETL	2.55	ND	4.72	ND
10/30/1997	FMETL	1.76	ND	1.86	ND
02/10/1998	FMETL	ND	ND	6.23	ND
04/21/1998	FMETL	ND	ND	4.58	ND
08/19/1998	FMETL	2.94	1.63	4.33	ND
11/18/1998	FMETL	ND	ND	1.48	ND
02/25/1999	FMETL	ND	ND	6.06	ND
06/29/1999	FMETL	3.56	2.25	7.70	ND
09/22/1999	FMETL	2.74	ND	2.63	ND
12/09/1999	FMETL	1.79	ND	4.13	ND
03/01/2000	FMETL	1.28	1.27	6.47	2.33
06/12/2000	FMETL	ND	ND	3.74	ND
08/24/2000	FMETL	1.68	1.28	4.47	ND

SOURCE: 16

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

Page 1 of 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

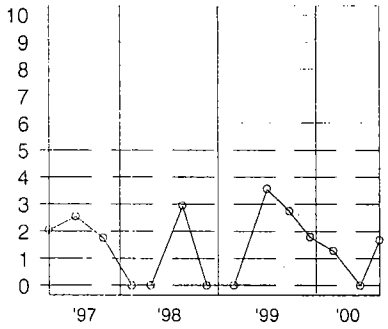
Fort Monmouth

GW Monitoring
Streams

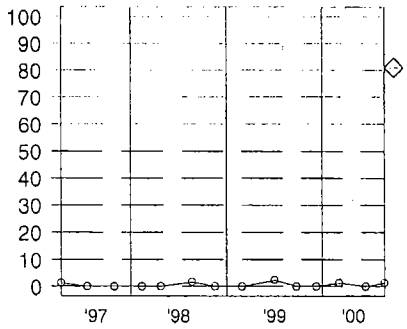
Source 11 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

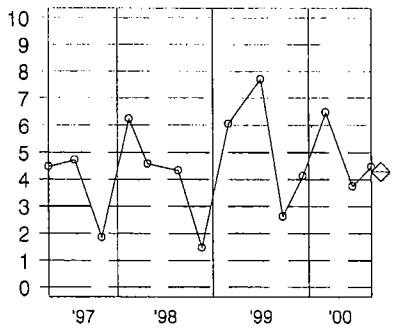
cis-1,2-Dichloroethene
(ug/l)



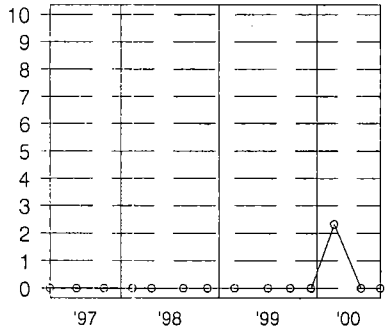
Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 16

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Chloro benzene
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-	21000
04/08/1997	FMETL	ND	ND	ND	1.97	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	1.59
04/21/1998	FMETL	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND
11/18/1998	FMETL	4.43	2.12	5.09	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND
09/22/1999	FMETL	1.09	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	ND	ND
03/01/2000	FMETL	ND	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	ND	ND	ND	ND

SOURCE: 17

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

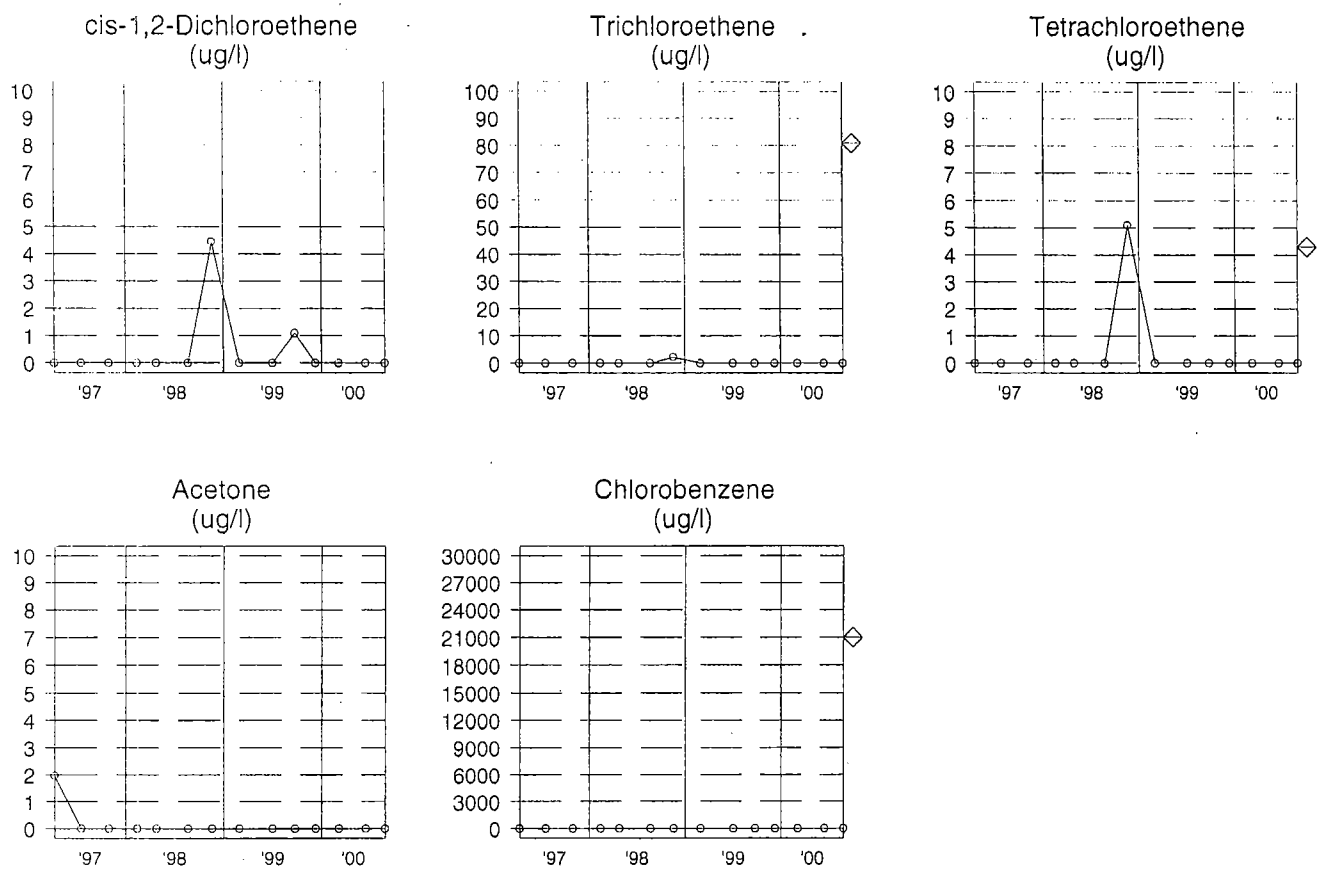
Page 1 of 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 17

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Acetone
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	-	-
04/08/1997	FMETL	ND	ND
07/17/1997	FMETL	1.06	ND
10/30/1997	FMETL	5.87	ND
02/10/1998	FMETL	14.36	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	4.65	ND
11/18/1998	FMETL	3.18	ND
02/25/1999	FMETL	3.95	ND
06/29/1999	FMETL	1.47	ND
09/21/1999	FMETL	4.67	ND
12/09/1999	FMETL	4.90	ND
03/01/2000	FMETL	5.57	ND
06/12/2000	FMETL	ND	ND
08/24/2000	FMETL	2.46	15.24

SOURCE: 18

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

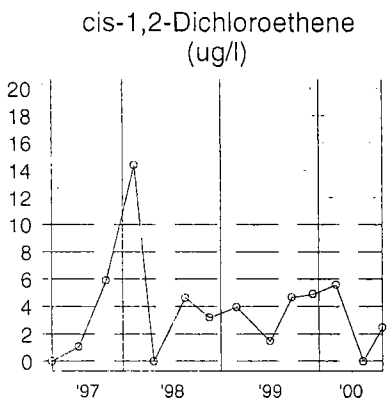
Page 1 of 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

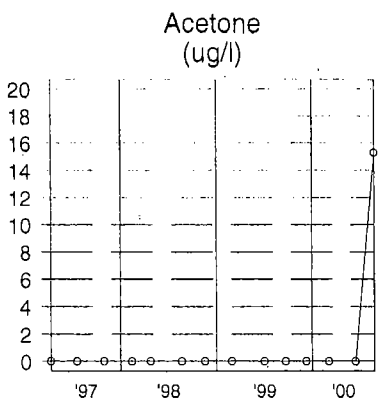
Fort Monmouth

GW Monitoring
Streams

Source 13 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 18

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	-
04/08/1997	FMETL	6.44
07/17/1997	FMETL	ND
10/30/1997	FMETL	4.69
02/10/1998	FMETL	8.22
04/21/1998	FMETL	6.86
08/19/1998	FMETL	2.95
11/17/1998	FMETL	2.3
02/25/1999	FMETL	2.30
06/29/1999	FMETL	ND
09/21/1999	FMETL	3.53
12/09/1999	FMETL	2.60
03/01/2000	FMETL	2.92
06/12/2000	FMETL	ND
08/24/2000	FMETL	2.07

SOURCE: 19

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

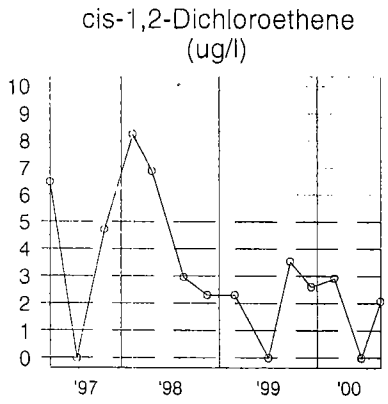
Page 1 of 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 19

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	27900	-
04/08/1997	FMETL	2.18	ND
07/17/1997	FMETL	ND	2.63
10/30/1997	FMETL	ND	ND
02/10/1998	FMETL	ND	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	ND	4.85
11/17/1998	FMETL	ND	ND
02/25/1999	FMETL	ND	ND
06/29/1999	FMETL	ND	5.70
09/21/1999	FMETL	ND	2.10
12/09/1999	FMETL	ND	ND
03/01/2000	FMETL	ND	ND
06/12/2000	FMETL	ND	6.38
08/24/2000	FMETL	ND	2.58

SOURCE: 20

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

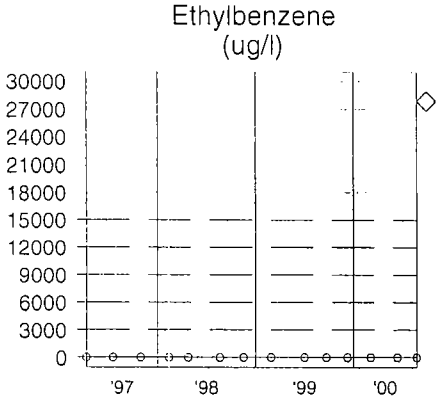
Page 1 of 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

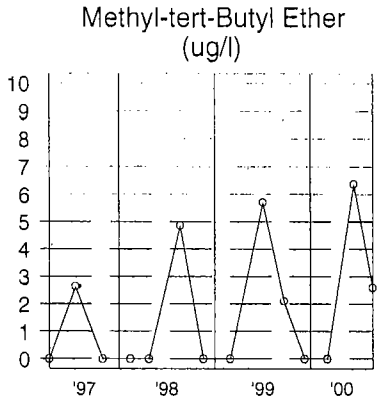
Fort Monmouth

GW Monitoring
Streams

Source 15 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 20

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-27-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	-	-
04/08/1997	FMETL	ND	ND	ND
07/17/1997	FMETL	ND	ND	2.90
10/30/1997	FMETL	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND
08/19/1998	FMETL	ND	ND	4.71
11/17/1998	FMETL	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND
06/29/1999	FMETL	ND	ND	7.40
09/21/1999	FMETL	1.17	ND	2.24
12/09/1999	FMETL	ND	27.52	ND
03/01/2000	FMETL	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND
08/24/2000	FMETL	ND	4.56	2.67

SOURCE: 21

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

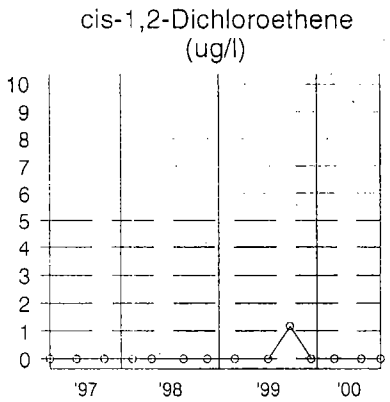
Page 1 of 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

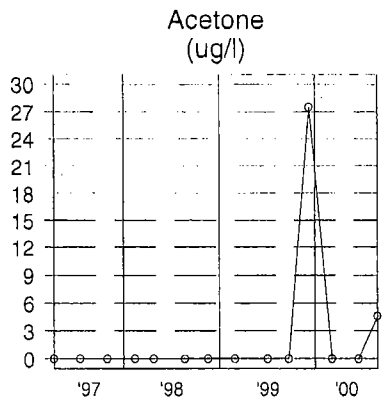
Fort Monmouth

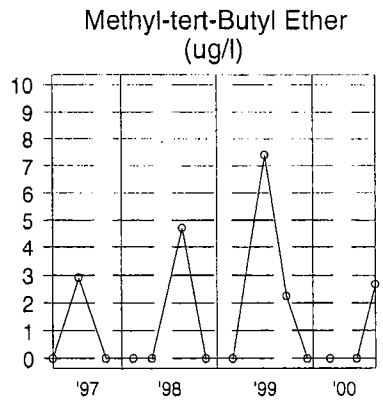
GW Monitoring
Streams

Source 16 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 21

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	-	-
04/08/1997	FMETL	ND	ND
07/17/1997	FMETL	ND	4.26
10/30/1997	FMETL	ND	ND
02/10/1998	FMETL	ND	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	ND	4.50
11/17/1998	FMETL	ND	ND
02/25/1999	FMETL	ND	ND
06/29/1999	FMETL	ND	8.30
09/21/1999	FMETL	ND	0.82
12/09/1999	FMETL	32.77	ND
03/01/2000	FMETL	ND	ND
06/12/2000	FMETL	ND	10.26
06/12/2000D	FMETL	ND	10.66
08/24/2000	FMETL	5.53	ND

SOURCE: 22

Sampling Dates:
04/08/1997 - 08/24/2000

NOTES:

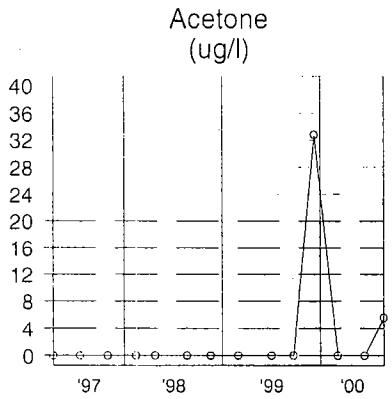
Page 1 of 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

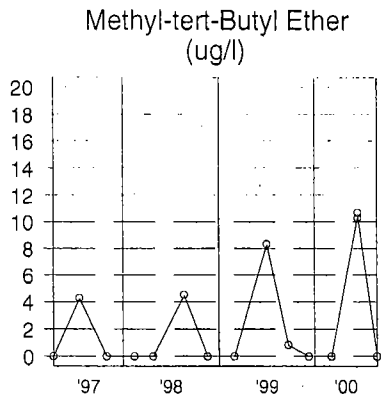
Fort Monmouth

GW Monitoring
Streams

Source 17 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 22

Sampling Dates:
04/08/1997 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	0.388
06/12/2000	FMETL	ND	ND	5.60
08/24/2000	FMETL	2.24	1.82	5.18

SOURCE: 23

Sampling Dates:
06/12/2000 - 08/24/2000

NOTES:

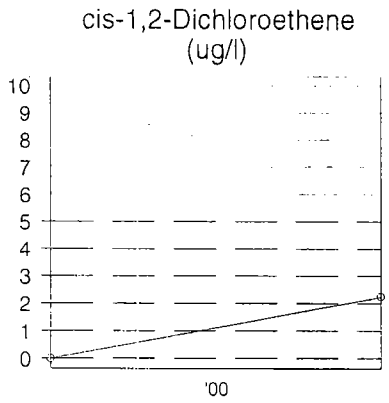
Page 1 of 1
Stream 23 is Fresh-Water

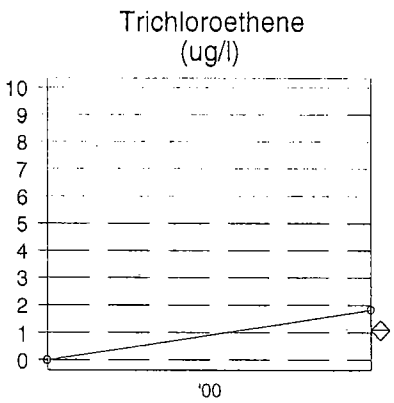
Fort Monmouth

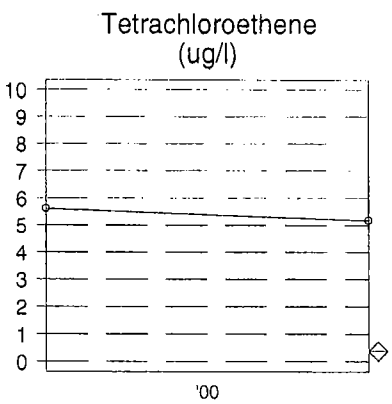
GW Monitoring
Streams

Source 18 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 23

Sampling Dates:
06/12/2000 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-27-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-dichloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	0.388
06/12/2000	FMETL	ND	ND	4.72
08/24/2000	FMETL	1.54	1.41	4.33

SOURCE: 24

Sampling Dates:
06/12/2000 - 08/24/2000

NOTES:

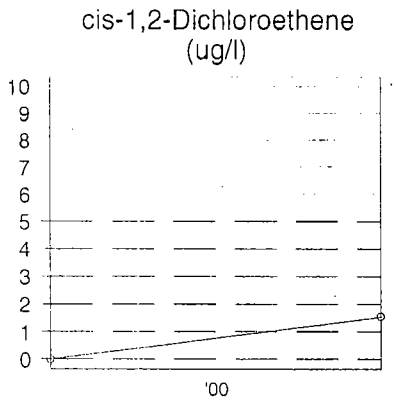
Page 1 of 2
Stream 24 is Fresh-Water

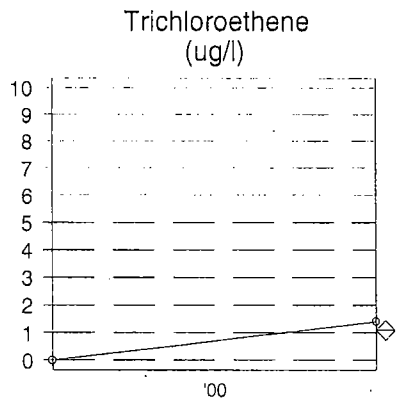
Fort Monmouth

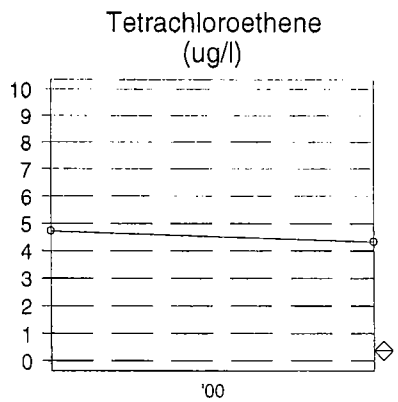
GW Monitoring
Streams

Source 19 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 24

Sampling Dates:
06/12/2000 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab
Units:	-
NJDEP Criteria:	-
06/12/2000	FMETL,,
08/24/2000	FMETL,,

SOURCE: 25

Sampling Dates:
06/12/2000 - 08/24/2000

NOTES:

Page 1 of 1
Stream 25 is Salt-Water.

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab
Units:	-
NJDEP Criteria:	-
06/12/2000	FMETL,,,
08/24/2000	FMETL,,,

SOURCE: 26

Sampling Dates:
06/12/2000 - 08/24/2000

NOTES:

Page 1 of 1
Stream 26 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Tetrachloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	4.29
06/12/2000	FMETL	ND
08/24/2000	FMETL	1.72

SOURCE: 27

Sampling Dates:
06/12/2000 - 08/24/2000

NOTES:

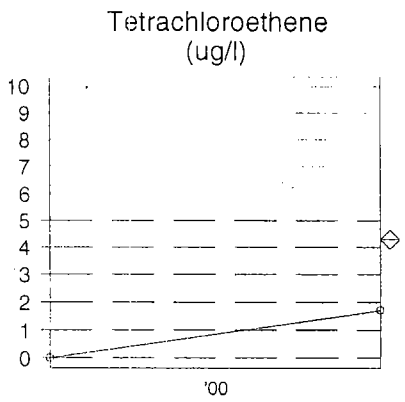
Page 1 of 1
Stream 27 is Salt Water.

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 27

Sampling Dates:
06/12/2000 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-27-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29
06/12/2000	FMETL	ND	ND	ND
08/24/2000	FMETL	1.28	1.07	3.67

SOURCE: 28

Sampling Dates:
06/12/2000 - 08/24/2000

NOTES:

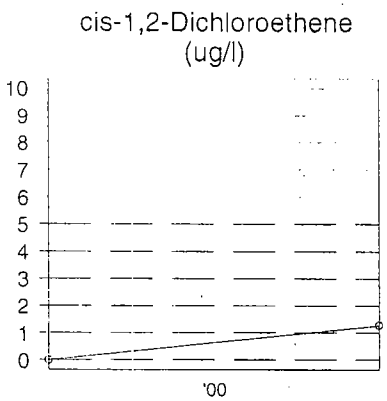
Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

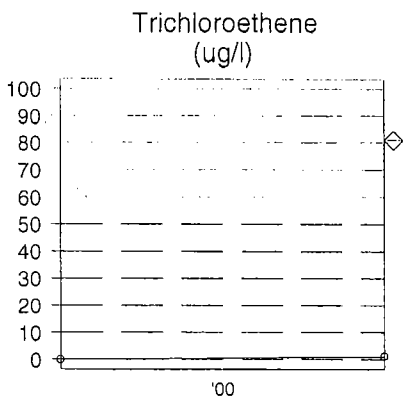
Fort Monmouth

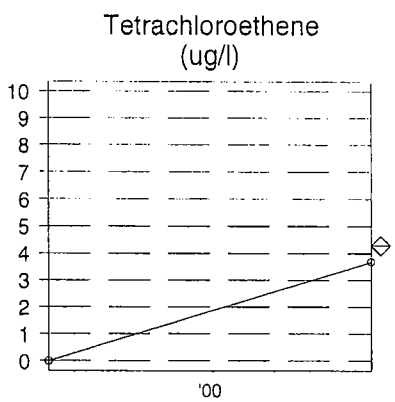
GW Monitoring
Streams

Source 23 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 28

Sampling Dates:
06/12/2000 - 08/24/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

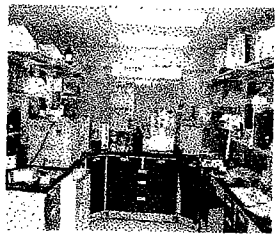
Source 23 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-27-2000 x:\mtech46\fm\streams\gw\streams.wsf

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: 4th QTR Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	5868.04	Aqueous	20-Nov-00 09:00	11/20/00
Stream Site #21	5868.05	Aqueous	20-Nov-00 09:10	11/20/00
Stream Site #20	5868.06	Aqueous	20-Nov-00 09:15	11/20/00
Stream Site #09	5868.07	Aqueous	20-Nov-00 09:20	11/20/00
Stream Site #19	5868.08	Aqueous	20-Nov-00 09:25	11/20/00
Stream Site #12	5868.09	Aqueous	20-Nov-00 09:30	11/20/00
Stream Site #18	5868.10	Aqueous	20-Nov-00 09:35	11/20/00
Stream Site #11	5868.11	Aqueous	20-Nov-00 09:40	11/20/00
Stream Site #15	5868.12	Aqueous	20-Nov-00 09:45	11/20/00
Stream Site #13	5868.13	Aqueous	20-Nov-00 09:50	11/20/00
Stream Site #16	5868.14	Aqueous	20-Nov-00 09:55	11/20/00
Stream Site #05	5868.15	Aqueous	20-Nov-00 10:00	11/20/00
Stream Site #04	5868.16	Aqueous	20-Nov-00 10:05	11/20/00
Stream Site #07	5868.17	Aqueous	20-Nov-00 10:10	11/20/00
Stream Site #17	5868.18	Aqueous	20-Nov-00 10:15	11/20/00
Stream Site #03	5868.19	Aqueous	20-Nov-00 10:20	11/20/00
Stream Site #14	5868.20	Aqueous	20-Nov-00 10:25	11/20/00
Stream Site #23	5868.21	Aqueous	20-Nov-00 10:30	11/20/00
Stream Site #24	5868.22	Aqueous	20-Nov-00 10:35	11/20/00
Stream Site #25	5868.23	Aqueous	20-Nov-00 10:40	11/20/00
Stream Site #26	5868.24	Aqueous	20-Nov-00 10:45	11/20/00
Stream Site #28	5868.25	Aqueous	20-Nov-00 10:50	11/20/00
Stream Site #27	5868.26	Aqueous	20-Nov-00 10:55	11/20/00

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, PCB's, WET CHEMISTRY

12-08-00

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

SAMPLING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X2626223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: Streams 4th Qtr '00

Samplers Name / Company: Corey McCormack, TUS

Analysis Parameters: Volatiles, PCB, T. Coli, NH_3/NO_3, PO_4/SO_4, °C Temp, pH su, Dissolved Oxy

Comments: HCL/H_2SO_4/24°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Volatiles	PCB	T. Coli	NH_3/NO_3	PO_4/SO_4	°C Temp	pH su	Dissolved Oxy	Remarks / Preservation Method	
5868 .01	Trip	11/20/00	0820	AQ	2	✓					—	—	—		
.02	Field Blank		0830		5	✓	✓		✓	✓	—	—	—	Salinity	
.03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	%	D.O. 20/20
.04	SS #22		0900		6	✓	✓	✓	✓	✓	21.3	7.41	7.61	1.011	18.0
.05	#21		0910			✓	✓	✓	✓	✓	21.5	7.52	7.51	1.010	14.0
.06	#20		0915			✓	✓	✓	✓	✓	21.3	7.51	8.00	1.010	14.0
.07	#09		0920			✓	✓	✓	✓	✓	19.7	7.69	8.57	1.002	3.0
.08	#19		0925			✓	✓	✓	✓	✓	18.8	7.91	8.97	1.000	0.0
.09	#12		0930			✓	✓	✓	✓	✓	20.3	7.80	7.91	1.000	0.0
.10	#18		0935			✓	✓	✓	✓	✓	20.2	7.77	8.41	1.000	0.0
.11	#11		0940			✓	✓	✓	✓	✓	18.7	7.23	8.91	1.000	0.0
.12	#15		0945			✓	✓	✓	✓	✓	19.2	7.31	9.21	1.000	0.0
.13	#13		0950			✓	✓	✓	✓	✓	18.4	7.24	10.01	1.000	0.0
.14	#16		0955			✓	✓	✓	✓	✓	19.1	6.71	7.31	1.000	0.0

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	11/27/00 1300	[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, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide; H→L

print legibly

Coc.xls9/27/00

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: Streams 4th Qtr '00

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters: VOTIS, PCB, T. Coli, NH_3/NO_3, PO_4/SO_4, Temp °C, pH su, Dissolved Oxy

Comments: HCL/H_2SO_4/4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOTIS	PCB	T. Coli	NH_3/NO_3	PO_4/SO_4	Temp °C	pH su	Dissolved Oxy	Remarks / Preservation Method	
5868 .15	SS #5	11/29/00	1000	AQ	6	✓	✓	✓	✓	✓	20.7	7.30	8.31	1.000	1.0
.16	#4		1005			✓	✓	✓	✓	✓	21.3	7.37	8.27	1.001	2.0
.17	#7		1010			✓	✓	✓	✓	✓	22.7	6.94	7.91	1.001	2.0
.18	#17		1015			✓	✓	✓	✓	✓	20.4	7.37	7.87	1.001	1.0
.19	#3		1020			✓	✓	✓	✓	✓	18.6	7.31	9.11	1.000	0.0
.20	#14		1025			✓	✓	✓	✓	✓	17.3	7.40	10.11	1.000	0.0
.21	#23		1030			✓	✓	✓	✓	✓	19.2	7.31	7.41	1.000	0.0
.22	#24		1035			✓	✓	✓	✓	✓	18.7	6.51	8.41	1.000	0.0
.23	#25		1040			✓	✓	✓	✓	✓	20.4	7.29	8.03	1.000	0.0
.24	#26		1045			✓	✓	✓	✓	✓	18.7	7.27	8.11	1.000	0.0
.25	#27		1050			✓	✓	✓	✓	✓	21.4	7.35	7.44	1.001	2.0
.26	#28	✓	1055	✓	✓	✓	✓	✓	✓	✓	22.4	6.41	7.47	1.001	2.0

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	11/29/00 1300	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (✓)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide; H → L

print legibly

Coc.xls9/27/00

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	**:**	**Method Detection Limit**
J	**:**	**Compound identified below detection limit**
B	**:**	**Compound found in blank**
D	**:**	**Results are from a dilution of the sample**
U	**:**	**Compound searched for but not detected**
E	**:**	**Compound exceeds calibration limit**
PQL	**:**	**Practical Quantitation Limit**
NLE	**:**	**No limit established**
RT	**:**	**Retention time**

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008823.D**	Sample Name	**Vblk259**
Operator	**Skelton**	Field ID	**Vblk259**
Date Acquired	**21 Nov 2000 12:30 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008823.D**	Sample Name	**Vblk259**
Operator	**Skelton**	Field ID	**Vblk259**
Date Acquired	**21 Nov 2000 12:30 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Vblk259

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk259

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008823.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. Date Analyzed: 11/21/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008824.D**	Sample Name	**5868.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**21 Nov 2000 1:17 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008824.D**	Sample Name	**5868.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**21 Nov 2000 1:17 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008824.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008825.D**	Sample Name	**5868.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**21 Nov 2000 1:57 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008825.D**	Sample Name	**5868.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**21 Nov 2000 1:57 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5868.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008825.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. Date Analyzed: 11/21/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008826.D**	Sample Name	**5868.03**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**21 Nov 2000 2:38 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008826.D**	Sample Name	**5868.03**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**21 Nov 2000 2:38 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5868.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008826.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. Date Analyzed: 11/21/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008827.D**	Sample Name	**5868.04**
Operator	**Skelton**	Field ID	**SS#22**
Date Acquired	**21 Nov 2000 3:18 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#22

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008827.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008830.D**	Sample Name	**5868.05**
Operator	**Skelton**	Field ID	**SS#21**
Date Acquired	**21 Nov 2000 5:18 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#21

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008830.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008831.D**	Sample Name	**5868.06**
Operator	**Skelton**	Field ID	**SS#20**
Date Acquired	**21 Nov 2000 5:59 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#20

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008831.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008832.D**	Sample Name	**5868.07**
Operator	**Skelton**	Field ID	**SS#09**
Date Acquired	**21 Nov 2000 6:39 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#09

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008832.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008833.D**	Sample Name	**5868.08**
Operator	**Skelton**	Field ID	**SS#19**
Date Acquired	**21 Nov 2000 7:19 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#19

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008833.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008834.D**	Sample Name	**5868.09**
Operator	**Skelton**	Field ID	**SS#12**
Date Acquired	**21 Nov 2000 7:59 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.97	58045	1.87 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#12

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5868.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008834.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. Date Analyzed: 11/21/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008835.D**	Sample Name	**5868.10**
Operator	**Skelton**	Field ID	**SS#18**
Date Acquired	**21 Nov 2000 8:40 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.97	55535	1.80 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#18

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5868.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008835.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. Date Analyzed: 11/21/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008836.D**	Sample Name	**5868.11**
Operator	**Skelton**	Field ID	**SS#11**
Date Acquired	**21 Nov 2000 9:21 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.96	169571	5.34 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#11

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008836.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008837.D**	Sample Name	**5868.12**
Operator	**Skelton**	Field ID	**SS#15**
Date Acquired	**21 Nov 2000 10:01 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene	25.48	158456	6.29 ug/L	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#15

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008837.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008838.D**	Sample Name	**5868.13**
Operator	**Skelton**	Field ID	**SS#13**
Date Acquired	**21 Nov 2000 10:42 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene	25.49	165561	6.58 ug/L	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#13

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008838.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/21/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008839.D**	Sample Name	**5868.14**
Operator	**Skelton**	Field ID	**SS#16**
Date Acquired	**21 Nov 2000 11:22 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.49	115349	4.49 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#16

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5868.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008839.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. Date Analyzed: 11/21/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008840.D**	Sample Name	**5868.15**
Operator	**Skelton**	Field ID	**SS#05**
Date Acquired	**22 Nov 2000 12:03 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.49	92748	3.58 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#05

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.15

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008840.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/22/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008841.D**	Sample Name	**5868.16**
Operator	**Skelton**	Field ID	**SS#04**
Date Acquired	**22 Nov 2000 12:43 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.49	93124	3.70 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#04

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.16

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008841.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/22/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008842.D**	Sample Name	**5868.17**
Operator	**Skelton**	Field ID	**SS#07**
Date Acquired	**22 Nov 2000 1:24 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.48	49479	1.94 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#07

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.17

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008842.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/22/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008843.D**	Sample Name	**5868.18**
Operator	**Skelton**	Field ID	**SS#17**
Date Acquired	**22 Nov 2000 2:04 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#17

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.18

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008843.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/22/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008844.D**	Sample Name	**5868.19**
Operator	**Skelton**	Field ID	**SS#03**
Date Acquired	**22 Nov 2000 2:45 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#03

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.19

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008844.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/22/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008845.D**	Sample Name	**5868.20**
Operator	**Skelton**	Field ID	**SS#14**
Date Acquired	**22 Nov 2000 3:25 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#14

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5868.20

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008845.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. Date Analyzed: 11/22/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008846.D**	Sample Name	**5868.21**
Operator	**Skelton**	Field ID	**SS#23**
Date Acquired	**22 Nov 2000 4:06 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene	25.49	156761	6.29 ug/L	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#23

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.21

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008846.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/22/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008847.D**	Sample Name	**5868.22**
Operator	**Skelton**	Field ID	**SS#24**
Date Acquired	**22 Nov 2000 4:46 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene	25.49	108398	4.41 ug/L	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#24

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.22

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008847.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/22/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008848.D**	Sample Name	**5868.23**
Operator	**Skelton**	Field ID	**SS#25**
Date Acquired	**22 Nov 2000 5:27 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#25

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.23

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008848.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/22/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008849.D**	Sample Name	**5868.24**
Operator	**Skelton**	Field ID	**SS#26**
Date Acquired	**22 Nov 2000 6:07 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#26

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.24

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008849.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/22/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008850.D**	Sample Name	**5868.25**
Operator	**Skelton**	Field ID	**SS#27**
Date Acquired	**22 Nov 2000 6:48 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.48	47010	1.87 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#27

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5868.25

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008850.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. _____ Date Analyzed: 11/22/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB008851.D**	Sample Name	**5868.26**
Operator	**Skelton**	Field ID	**SS#28**
Date Acquired	**22 Nov 2000 7:29 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.49	90001	3.60 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#28

Lab Name: FMETL Project: 4th Qtr

NJDEP#: 13461 Case No.: 5868 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5868.26

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB008851.D

Level: (low/med) LOW Date Received: 11/20/00

% Moisture: not dec. Date Analyzed: 11/22/00

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

PCB's

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK631
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/22/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK632
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/22/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/22/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/22/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #22
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/22/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #21
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/22/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #20
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/22/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/22/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #19
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/22/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #12
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/22/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #18
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/22/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.12
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/22/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #15
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.13
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/22/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #13
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.14
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/22/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #16
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.15
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/22/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #5
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.16
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #4
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.17
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #7
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.18
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #17
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.19
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #3
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.19
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #3
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.20
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #14
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.21
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.22
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #24
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.23
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #25
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.24
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #26
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.25
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #27
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5868.26
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/20/00
	Bldg. 173	**Extraction Date:**	11/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #28
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

WET CHEMISTRY

Stream Water Analysis
November 2000

Sample ID	Date Sampled	Stream Site#	Temp °C	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
5868.04	11/20/00	22	21.3	7.41	ND	0.4	ND	1750	7.61	100	40	1.011
5868.05	11/20/00	21	21.5	7.52	ND	0.4	ND	1350	7.51	260	ND	1.010
5868.06	11/20/00	20	21.3	7.51	ND	0.5	ND	1600	8.00	200	ND	1.010
5868.07	11/20/00	09	19.7	7.69	ND	0.7	ND	310	8.57	1160	120	1.002
5868.08	11/20/00	19	18.8	7.91	ND	1.0	ND	23	8.97	1460	80	1.000
5868.09	11/20/00	12	20.3	7.80	ND	1.3	ND	24	7.91	820	100	1.000
5868.10	11/20/00	18	20.2	7.77	ND	1.7	ND	24	8.41	1160	40	1.000
5868.11	11/20/00	11	18.7	7.23	ND	1.9	ND	22	8.91	1180	200	1.000
5868.12	11/20/00	15	19.2	7.31	0.370	1.2	ND	34	9.21	1420	120	1.000
5868.13	11/20/00	13	18.4	7.24	0.328	1.1	ND	31	10.01	1820	100	1.000
5868.14	11/20/00	16	19.1	6.71	0.409	1.3	ND	30	7.31	580	80	1.000
5868.15	11/20/00	5	20.7	7.30	0.401	1.2	ND	43	8.31	1160	ND	1.000
5868.16	11/20/00	4	21.3	7.37	0.405	1.0	ND	44	8.27	800	60	1.001
5868.17	11/20/00	7	22.7	6.94	0.210	0.4	ND	290	7.91	920	140	1.001
5868.18	11/20/00	17	20.4	7.37	0.233	0.8	ND	35	7.87	1040	240	1.001
5868.19	11/20/00	3	18.6	7.31	0.226	0.7	ND	35	9.11	840	260	1.000
5868.20	11/20/00	14	17.3	7.40	0.216	0.7	ND	34	10.11	1080	120	1.000
5868.21	11/20/00	23	19.2	7.31	0.278	1.2	ND	34	7.41	1780	60	1.001
5868.22	11/20/00	24	18.7	6.51	0.433	1.3	ND	30	8.41	700	80	1.001
5868.23	11/20/00	25	20.4	7.29	0.250	0.7	ND	35	8.03	1320	200	1.001
5868.24	11/20/00	26	18.7	7.27	0.203	0.5	0.13	36	8.11	860	240	1.000
5868.25	11/20/00	28	21.4	7.35	0.229	0.6	ND	245	7.44	720	100	1.001
5868.26	11/20/00	27	22.4	6.41	0.413	0.9	ND	42	7.47	880	20	1.001

mg/L = parts per million
cfu = colony forming units
ND = Not Detected

Completed:11/24/00
Reviewed: 11/24/00

Daniel K. Wright
Laboratory Director

LTM

	Lab	Methylene Chloride	Tetrachloro ethene
:	-	ug/l	ug/l
NJDEP Criteria:	-	2.49	0.388
04/08/1997	FMETL	2.00	ND
07/17/1997	FMETL	ND	ND
10/30/1997	FMETL	ND	ND
02/10/1998	FMETL	ND	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	ND	ND
11/18/1998	FMETL	ND	1.09
02/25/1999	FMETL	ND	ND
06/29/1999	FMETL	ND	ND
09/22/1999	FMETL	ND	ND
12/09/1999	FMETL	ND	ND
03/01/2000	FMETL	ND	ND
06/12/2000	FMETL	ND	ND
08/24/2000	FMETL	ND	ND
11/20/2000	FMETL	ND	ND

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04/08/1997 - 11/20/2000

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Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

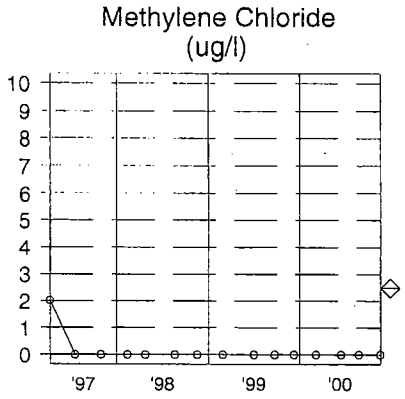
Page 1 of 1

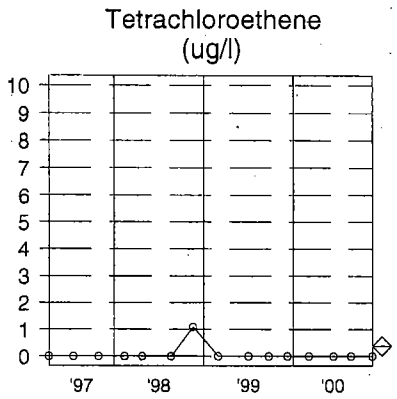
Fort Monmouth

GW Monitoring
Streams

Source 1 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





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04/08/1997 - 11/20/2000

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	0.388	-
04/08/1997	FMETL	2.18	ND	ND	ND
07/17/1997	FMETL	1.63	ND	1.61	ND
10/30/1997	FMETL	ND	ND	1.24	ND
02/10/1998	FMETL	ND	ND	6.61	ND
04/21/1998	FMETL	ND	ND	4.42	ND
08/19/1998	FMETL	1.92	1.10	2.85	ND
11/17/1998	FMETL	1.19	ND	1.62	ND
02/25/1999	FMETL	ND	ND	5.61	ND
06/29/1999	FMETL	2.41	1.56	5.27	ND
09/22/1999	FMETL	2.02	ND	1.85	ND
12/09/1999	FMETL	ND	ND	ND	ND
03/01/2000	FMETL	1.23	1.26	6.18	2.18
06/12/2000	FMETL	ND	ND	4.37	ND
08/24/2000	FMETL	1.19	1.19	3.19	ND
11/20/2000	FMETL	ND	ND	3.70	ND

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04/08/1997 - 11/20/2000

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PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit is NLE
TCE limit is 81
PCE limit is 4.29

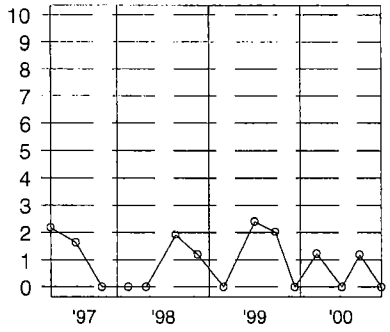
Fort Monmouth

GW Monitoring
Streams

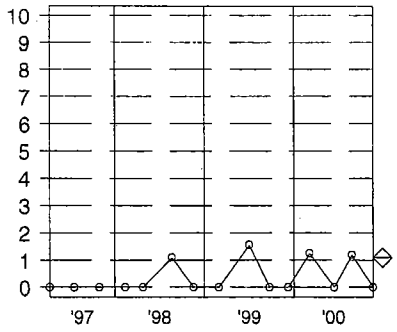
Source 2 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

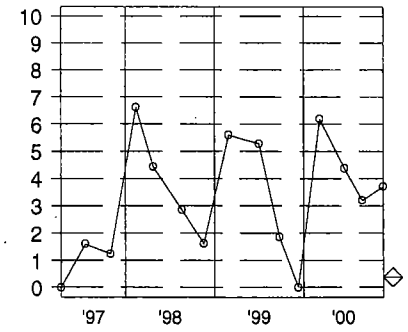
cis-1,2-Dichloroethene
(ug/l)



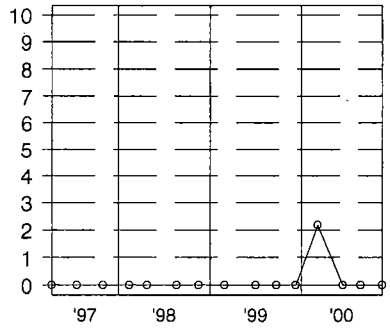
Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-
04/08/1997	FMETL	1.96	1.80	ND	2.28	ND
07/17/1997	FMETL	ND	3.66	ND	3.54	ND
10/30/1997	FMETL	ND	1.83	ND	1.70	ND
02/10/1998	FMETL	ND	ND	ND	6.34	ND
04/21/1998	FMETL	ND	ND	ND	4.48	ND
08/19/1998	FMETL	ND	2.28	1.27	3.39	ND
11/17/1998	FMETL	ND	1.67	ND	2.17	ND
02/25/1999	FMETL	ND	ND	ND	5.45	ND
06/29/1999	FMETL	ND	2.74	1.74	6.04	ND
09/22/1999	FMETL	ND	1.96	ND	1.82	ND
12/09/1999	FMETL	ND	1.60	ND	3.82	ND
03/01/2000	FMETL	ND	1.27	1.36	6.62	2.34
06/12/2000	FMETL	ND	ND	ND	4.38	ND
08/24/2000	FMETL	ND	1.19	ND	3.44	ND
11/20/2000	FMETL	ND	ND	ND	3.58	ND

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04/08/1997 - 11/20/2000

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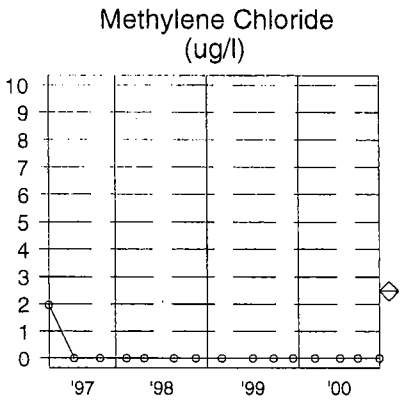
Page 1 of 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

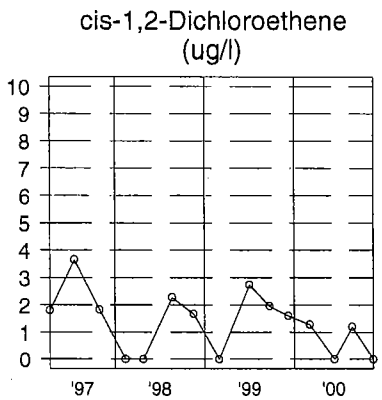
Fort Monmouth

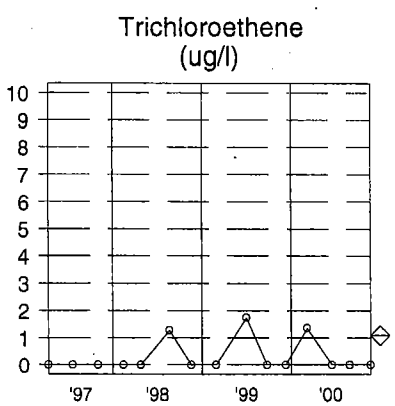
GW Monitoring
Streams

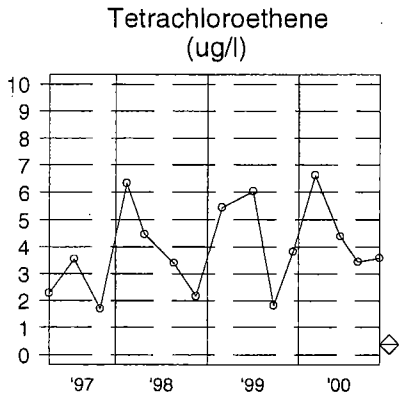
Source 3 of 23

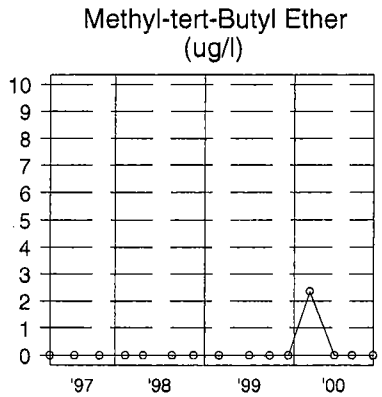
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-06-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether
:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	0.388	-	-
04/08/1997	FMETL	ND	ND	ND	ND	ND
07/17/1997	FMETL	1.14	ND	1.08	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	2.04	ND	ND
04/21/1998	FMETL	ND	ND	2.40	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND
11/17/1998	FMETL	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	2.85	ND	ND
06/29/1999	FMETL	ND	ND	1.42	2.94	2.00
09/22/1999	FMETL	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	ND	ND
03/01/2000	FMETL	1.19	1.30	6.47	ND	2.14
06/12/2000	FMETL	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	ND	1.77	ND	ND
11/20/2000	FMETL	ND	ND	1.94	ND	ND

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04/08/1997 - 11/20/2000

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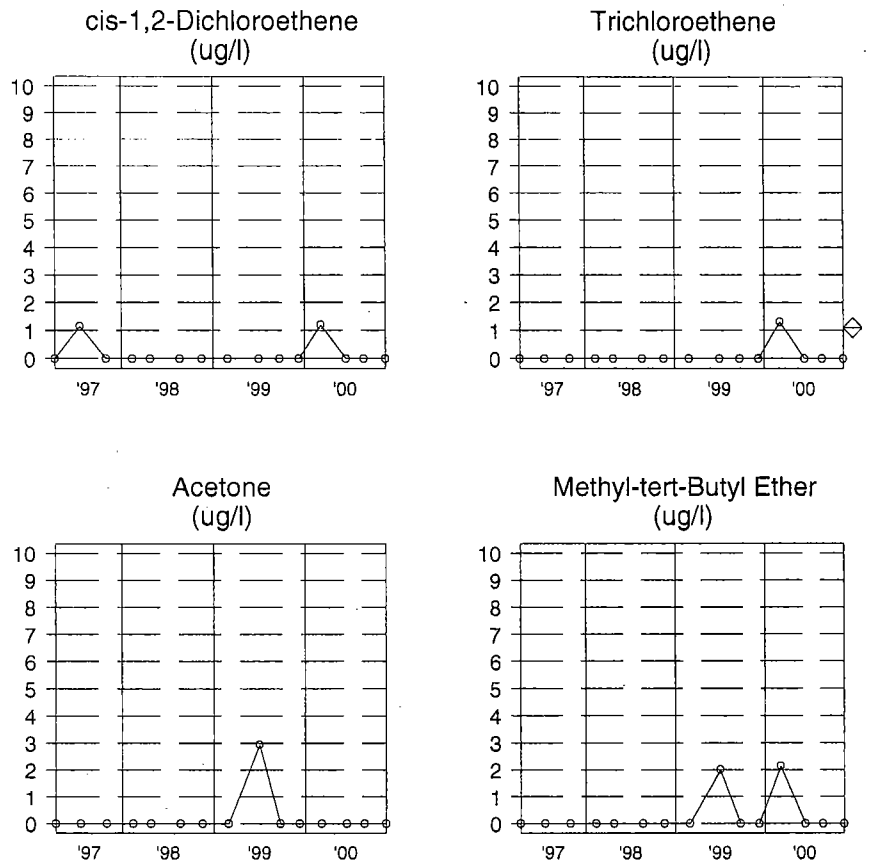
Page 1 of 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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04/08/1997 - 11/20/2000

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-06-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Acetone
:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	-
04/08/1997	FMETL	1.82	2.78	ND
07/17/1997	FMETL	ND	ND	ND
10/30/1997	FMETL	ND	2.14	ND
02/10/1998	FMETL	ND	6.00	ND
04/21/1998	FMETL	ND	4.73	ND
08/19/1998	FMETL	ND	1.69	ND
11/17/1998	FMETL	ND	ND	ND
02/25/1999	FMETL	ND	1.78	ND
06/29/1999	FMETL	ND	ND	2.50
09/21/1999	FMETL	ND	1.91	ND
12/09/1999	FMETL	ND	ND	25.08
03/01/2000	FMETL	ND	2.17	ND
06/12/2000	FMETL	ND	ND	ND
08/24/2000	FMETL	ND	1.11	ND
11/20/2000	FMETL	ND	ND	ND
11/20/2000D	FMETL	ND	ND	ND

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04/08/1997 - 11/20/2000

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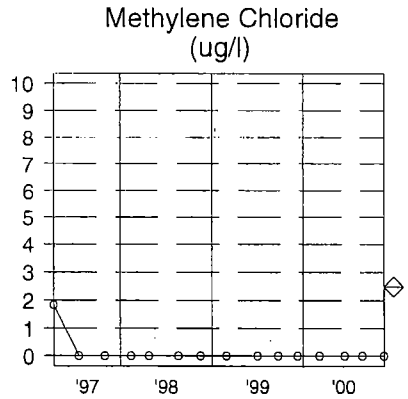
PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

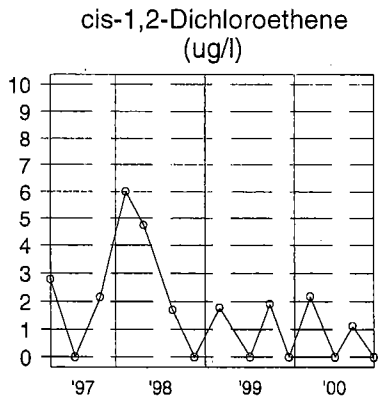
Fort Monmouth

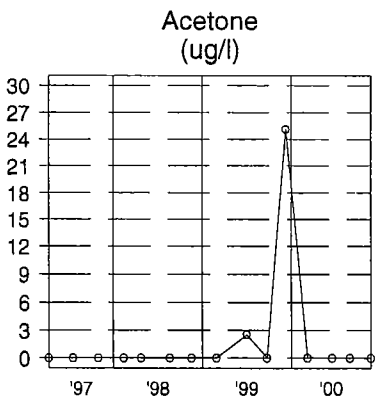
GW Monitoring
Streams

Source 5 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







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04/08/1997 - 11/20/2000

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Acetone	Methyl-tert Butyl ether
:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	-	-
04/08/1997	FMETL	18.72	1.58	ND	ND
07/17/1997	FMETL	14.13	ND	ND	ND
10/30/1997	FMETL	18.23	ND	ND	ND
02/10/1998	FMETL	24.71	2.14	ND	ND
04/21/1998	FMETL	21.66	1.82	ND	ND
08/19/1998	FMETL	11.73	ND	ND	ND
11/18/1998	FMETL	8.82	ND	ND	ND
02/25/1999	FMETL	9.11	ND	ND	ND
06/29/1999	FMETL	5.77	ND	ND	ND
09/21/1999	FMETL	15.62	ND	ND	ND
12/09/1999	FMETL	11.90	ND	ND	ND
03/01/2000	FMETL	11.01	ND	ND	1.64
06/12/2000	FMETL	8.03	ND	ND	ND
08/24/2000	FMETL	9.08	ND	ND	ND
08/24/2000D	FMETL	8.70	ND	6.22	ND
11/20/2000	FMETL	5.34	ND	ND	ND

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04/08/1997 - 11/20/2000

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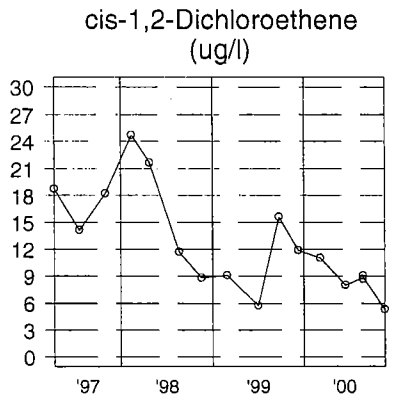
Page 1 of1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

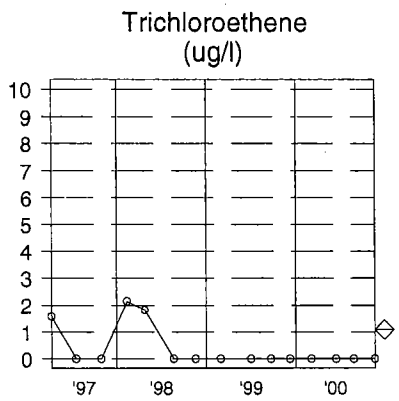
Fort Monmouth

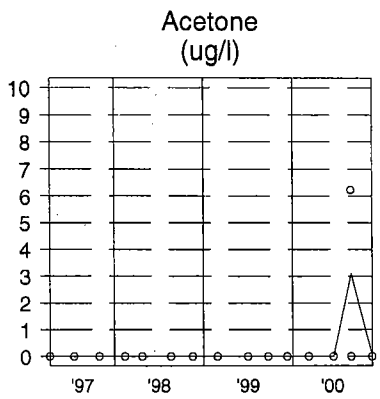
GW Monitoring
Streams

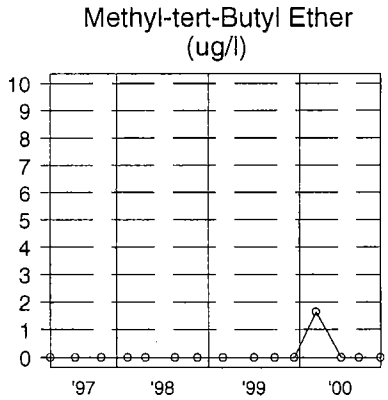
Source 6 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV









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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-06-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Acetone
:	-	ug/l	ug/l
NJDEP Criteria:	-	-	-
04/08/1997	FMETL	6.63	ND
07/17/1997	FMETL	ND	ND
10/30/1997	FMETL	5.67	ND
02/10/1998	FMETL	6.54	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	4.58	ND
11/18/1998	FMETL	2.48	ND
02/25/1999	FMETL	1.80	ND
06/29/1999	FMETL	1.39	ND
09/21/1999	FMETL	3.67	9.54
12/09/1999	FMETL	2.74	ND
03/01/2000	FMETL	3.13	ND
06/12/2000	FMETL	ND	ND
08/24/2000	FMETL	2.00	ND
11/20/2000	FMETL	1.87	ND

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04/08/1997 - 11/20/2000

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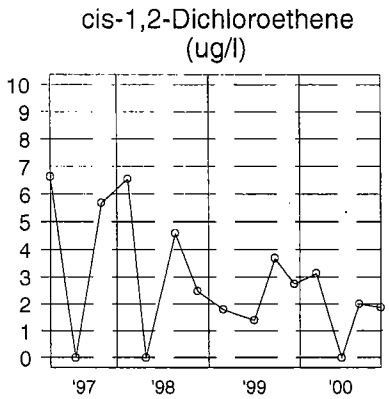
Page 1 of 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

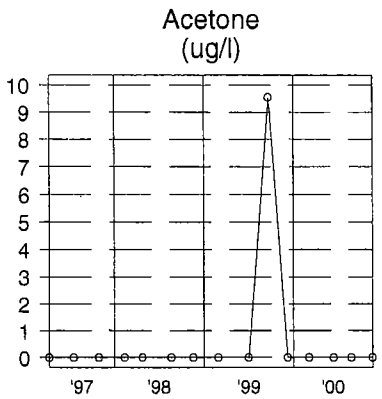
Fort Monmouth

GW Monitoring
Streams

Source 7 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-
04/08/1997	FMETL	1.91	ND	ND	ND	2.81	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	3.94	ND	ND
03/01/2000	FMETL	ND	1.35	1.40	6.92	ND	2.40
06/12/2000	FMETL	ND	ND	ND	5.56	ND	ND
08/24/2000	FMETL	ND	2.17	1.78	5.40	ND	ND
11/20/2000	FMETL	ND	ND	ND	6.58	ND	ND

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04/08/1997 - 11/20/2000

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Page 1 of 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

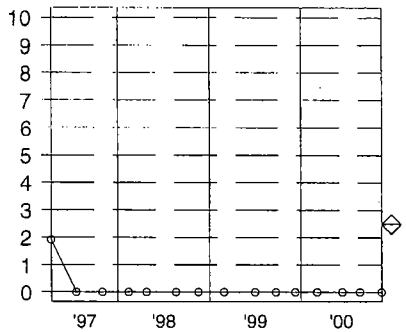
Fort Monmouth

GW Monitoring
Streams

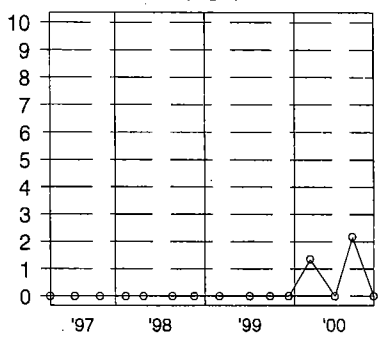
Source 8 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

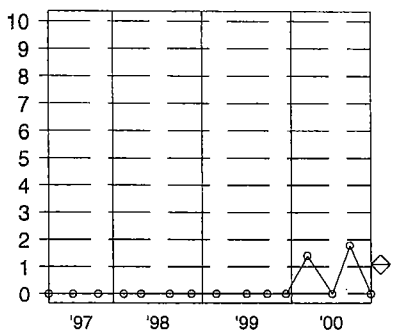
Methylene Chloride
(ug/l)



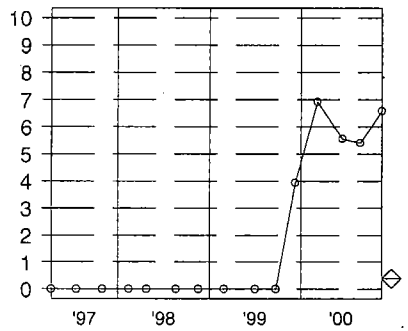
cis-1,2-Dichloroethene
(ug/l)



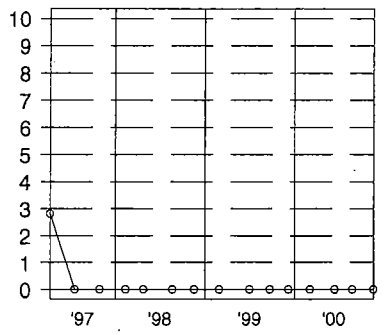
Trichloroethene
(ug/l)



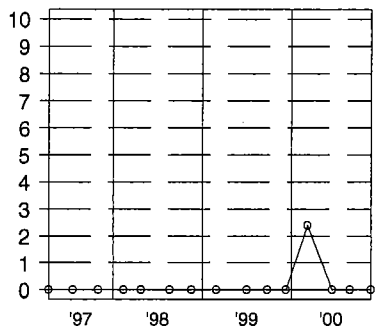
Tetrachloroethene
(ug/l)



Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Acetone
:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	-
04/08/1997	FMETL	ND	ND	3.94
07/17/1997	FMETL	ND	ND	ND
10/30/1997	FMETL	1.59	1.75	ND
02/10/1998	FMETL	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND
11/18/1998	FMETL	ND	ND	3.32
02/25/1999	FMETL	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND
09/22/1999	FMETL	ND	ND	ND
12/09/1999	FMETL	11.26	ND	ND
03/01/2000	FMETL	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND
08/24/2000	FMETL	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND

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04/08/1997 - 11/20/2000

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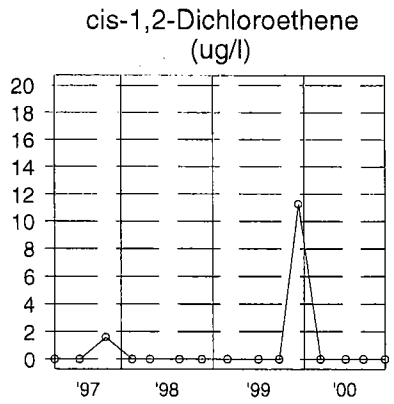
Page 1 of 1
Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

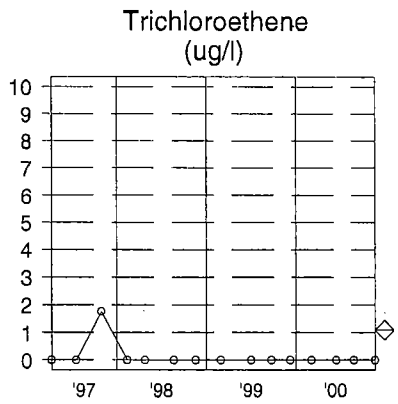
Fort Monmouth

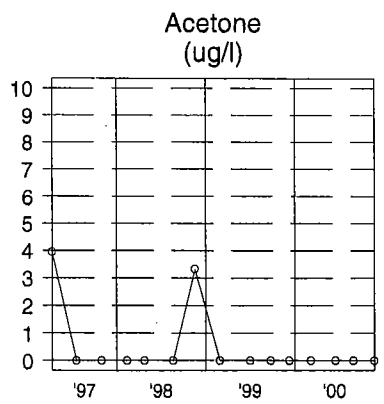
GW Monitoring
Streams

Source 9 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 9 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	0.388	-
04/08/1997	FMETL	2.69	1.60	6.00	ND
07/17/1997	FMETL	5.53	2.50	7.12	ND
10/30/1997	FMETL	2.57	ND	2.72	ND
02/10/1998	FMETL	ND	1.03	6.90	ND
04/21/1998	FMETL	1.22	1.21	5.72	ND
08/19/1998	FMETL	3.89	2.06	5.39	ND
11/18/1998	FMETL	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	7.33	ND
06/29/1999	FMETL	4.17	2.40	7.86	ND
09/21/1999	FMETL	3.59	1.37	2.61	ND
12/09/1999	FMETL	ND	ND	4.08	ND
03/01/2000	FMETL	1.39	1.39	6.95	2.38
06/12/2000	FMETL	ND	ND	5.94	ND
08/24/2000	FMETL	2.02	1.09	5.20	ND
11/20/2000	FMETL	ND	ND	6.29	ND

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04/08/1997 - 11/20/2000

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Page 1 of 1
Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

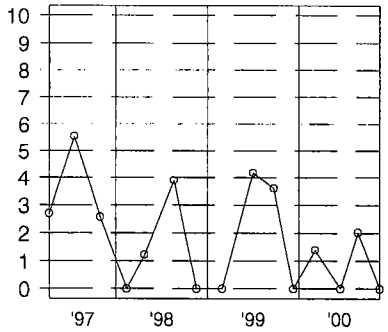
Fort Monmouth

GW Monitoring
Streams

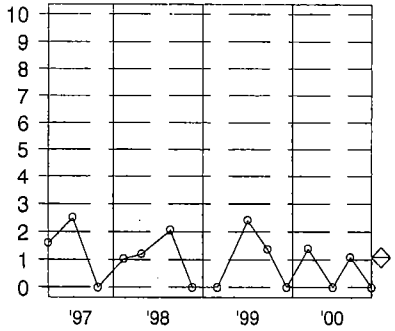
Source 10 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

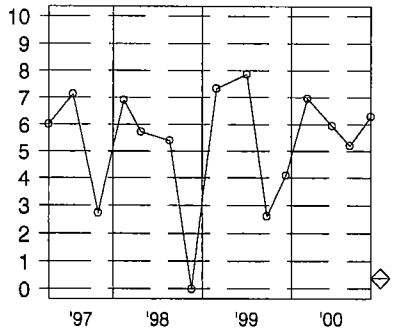
cis-1,2-Dichloroethene
(ug/l)



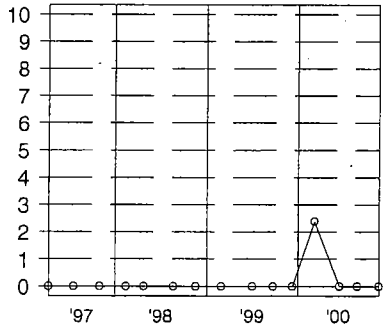
Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 10 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

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	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	0.388	-
04/08/1997	FMETL	2.05	1.26	4.47	ND
07/17/1997	FMETL	2.55	ND	4.72	ND
10/30/1997	FMETL	1.76	ND	1.86	ND
02/10/1998	FMETL	ND	ND	6.23	ND
04/21/1998	FMETL	ND	ND	4.58	ND
08/19/1998	FMETL	2.94	1.63	4.33	ND
11/18/1998	FMETL	ND	ND	1.48	ND
02/25/1999	FMETL	ND	ND	6.06	ND
06/29/1999	FMETL	3.56	2.25	7.70	ND
09/22/1999	FMETL	2.74	ND	2.63	ND
12/09/1999	FMETL	1.79	ND	4.13	ND
03/01/2000	FMETL	1.28	1.27	6.47	2.33
06/12/2000	FMETL	ND	ND	3.74	ND
08/24/2000	FMETL	1.68	1.28	4.47	ND
11/20/2000	FMETL	ND	ND	4.49	ND

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Page 1 of 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

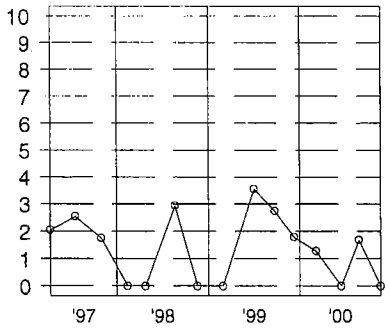
Fort Monmouth

GW Monitoring
Streams

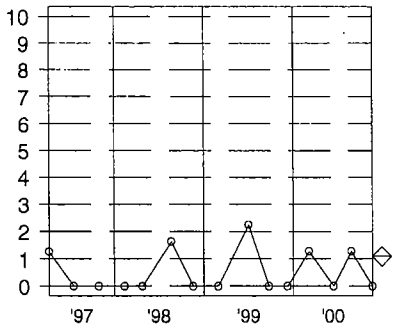
Source 11 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

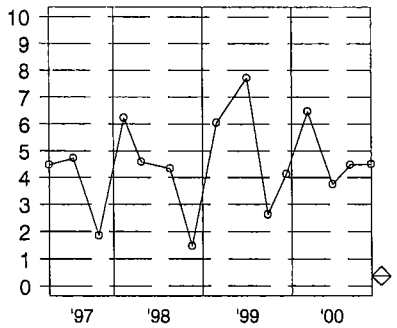
cis-1,2-Dichloroethene
(ug/l)



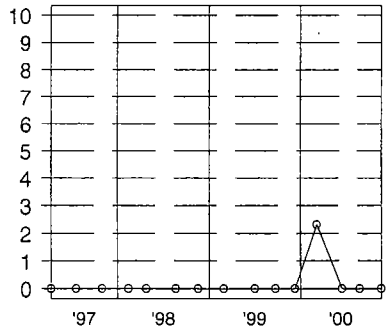
Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	0.388	-	21000
04/08/1997	FMETL	ND	ND	ND	1.97	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	1.59
04/21/1998	FMETL	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND
11/18/1998	FMETL	4.43	2.12	5.09	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND
09/22/1999	FMETL	1.09	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	ND	ND
03/01/2000	FMETL	ND	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	ND	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	ND	ND

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04/08/1997 - 11/20/2000

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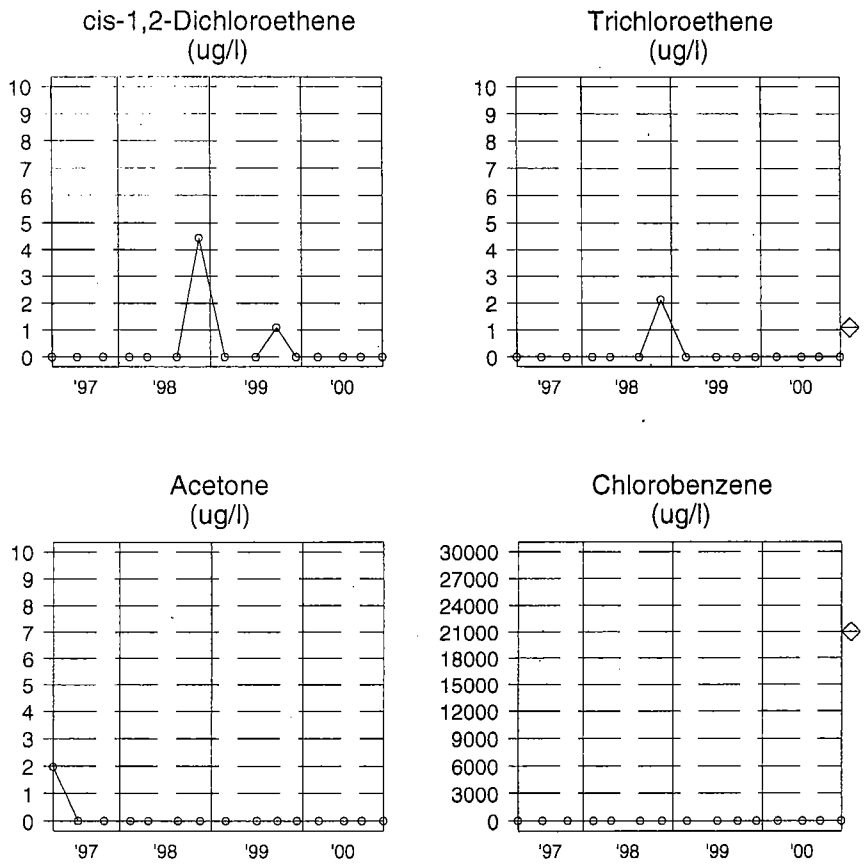
Page 1 of 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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04/08/1997 - 11/20/2000

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Acetone
:	-	ug/l	ug/l
NJDEP Criteria:	-	-	-
04/08/1997	FMETL	ND	ND
07/17/1997	FMETL	1.06	ND
10/30/1997	FMETL	5.87	ND
02/10/1998	FMETL	14.36	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	4.65	ND
11/18/1998	FMETL	3.18	ND
02/25/1999	FMETL	3.95	ND
06/29/1999	FMETL	1.47	ND
09/21/1999	FMETL	4.67	ND
12/09/1999	FMETL	4.90	ND
03/01/2000	FMETL	5.57	ND
06/12/2000	FMETL	ND	ND
08/24/2000	FMETL	2.46	15.24
11/20/2000	FMETL	1.80	ND

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04/08/1997 - 11/20/2000

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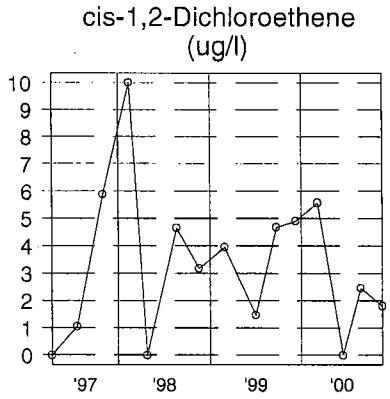
Page 1 of 1
Stream 18 is Fresh-Water.
cis-1,2-Dl limit is NLE.

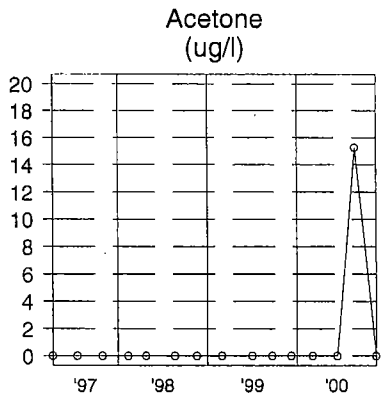
Fort Monmouth

GW Monitoring
Streams

Source 13 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





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04/08/1997 - 11/20/2000

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Acetone
:	-	ug/l	ug/l
NJDEP Criteria:	-	-	-
04/08/1997	FMETL	6.44	ND
07/17/1997	FMETL	ND	ND
10/30/1997	FMETL	4.69	ND
02/10/1998	FMETL	8.22	ND
04/21/1998	FMETL	6.86	ND
08/19/1998	FMETL	2.95	ND
11/17/1998	FMETL	2.3	ND
02/25/1999	FMETL	2.30	ND
06/29/1999	FMETL	ND	ND
09/21/1999	FMETL	3.53	ND
12/09/1999	FMETL	2.60	ND
03/01/2000	FMETL	2.92	ND
06/12/2000	FMETL	ND	ND
08/24/2000	FMETL	2.07	ND
11/20/2000	FMETL	ND	ND

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04/08/1997 - 11/20/2000

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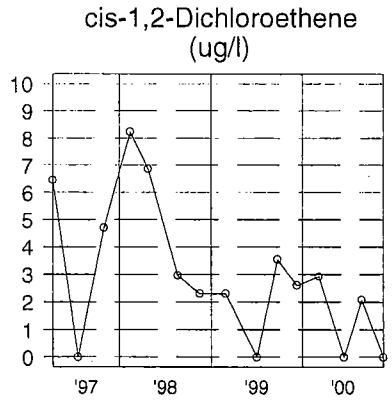
Page 1 of 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

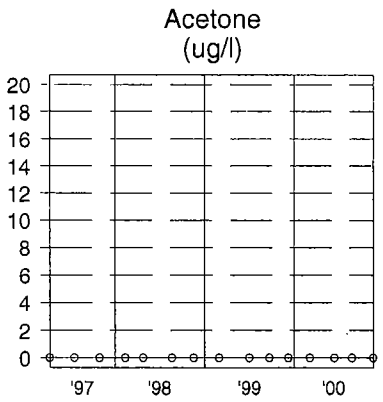
Fort Monmouth

GW Monitoring
Streams

Source 14 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





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04/08/1997 - 11/20/2000

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-06-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methyl-tert Butyl ether	Ethyl benzene
:	-	ug/l	ug/l
NJDEP Criteria:	-	-	27900
04/08/1997	FMETL	ND	2.18
07/17/1997	FMETL	2.63	ND
10/30/1997	FMETL	ND	ND
02/10/1998	FMETL	ND	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	4.85	ND
11/17/1998	FMETL	ND	ND
02/25/1999	FMETL	ND	ND
06/29/1999	FMETL	5.70	ND
09/21/1999	FMETL	2.10	ND
12/09/1999	FMETL	ND	ND
03/01/2000	FMETL	ND	ND
06/12/2000	FMETL	6.38	ND
08/24/2000	FMETL	2.58	ND
11/20/2000	FMETL	ND	ND

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04/08/1997 - 11/20/2000

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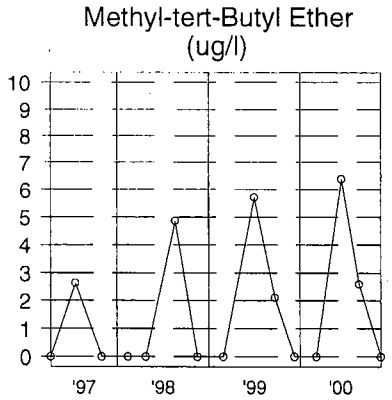
Page 1 of 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

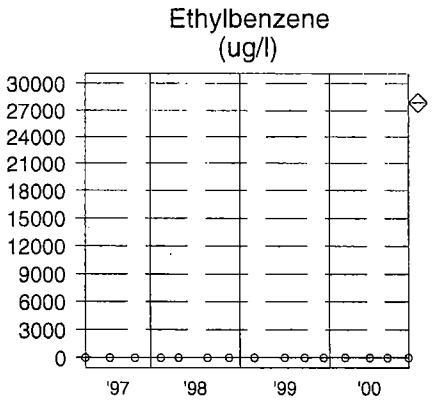
Fort Monmouth

GW Monitoring
Streams

Source 15 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





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04/08/1997 - 11/20/2000

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Acetone	Methyl-tert Butyl ether
:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	-	-
04/08/1997	FMETL	ND	ND	ND
07/17/1997	FMETL	ND	ND	2.90
10/30/1997	FMETL	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND
08/19/1998	FMETL	ND	ND	4.71
11/17/1998	FMETL	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND
06/29/1999	FMETL	ND	ND	7.40
09/21/1999	FMETL	1.17	ND	2.24
12/09/1999	FMETL	ND	27.52	ND
03/01/2000	FMETL	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND
08/24/2000	FMETL	ND	4.56	2.67
11/20/2000	FMETL	ND	ND	ND

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04/08/1997 - 11/20/2000

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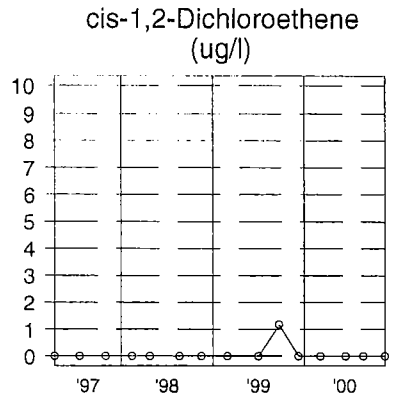
Page 1 of 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

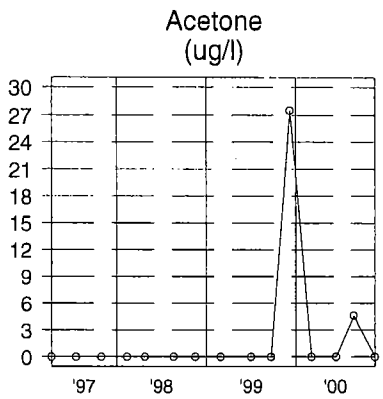
Fort Monmouth

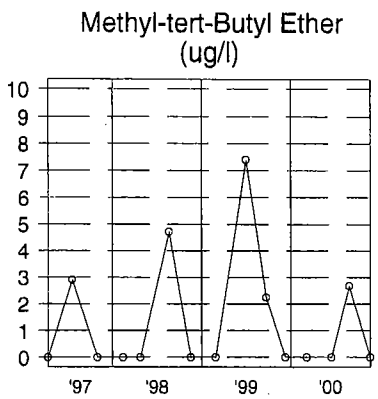
GW Monitoring
Streams

Source 16 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







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04/08/1997 - 11/20/2000

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-06-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Acetone	Methyl-tert Butyl ether
:	-	ug/l	ug/l
NJDEP Criteria:	-	-	-
04/08/1997	FMETL	ND	ND
07/17/1997	FMETL	ND	4.26
10/30/1997	FMETL	ND	ND
02/10/1998	FMETL	ND	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	ND	4.50
11/17/1998	FMETL	ND	ND
02/25/1999	FMETL	ND	ND
06/29/1999	FMETL	ND	8.30
09/21/1999	FMETL	ND	0.82
12/09/1999	FMETL	32.77	ND
03/01/2000	FMETL	ND	ND
06/12/2000	FMETL	ND	10.26
06/12/2000D	FMETL	ND	10.66
08/24/2000	FMETL	5.53	ND
11/20/2000	FMETL	ND	ND

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04/08/1997 - 11/20/2000

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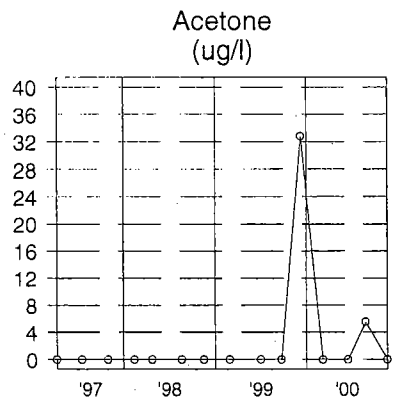
Page 1 of 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

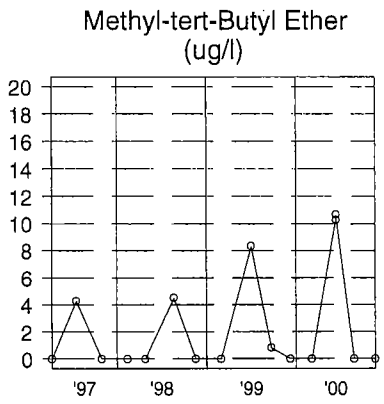
Fort Monmouth

GW Monitoring
Streams

Source 17 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





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04/08/1997 - 11/20/2000

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-06-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	0.388
06/12/2000	FMETL	ND	ND	5.60
08/24/2000	FMETL	2.24	1.82	5.18
11/20/2000	FMETL	ND	ND	6.29

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06/12/2000 - 11/20/2000

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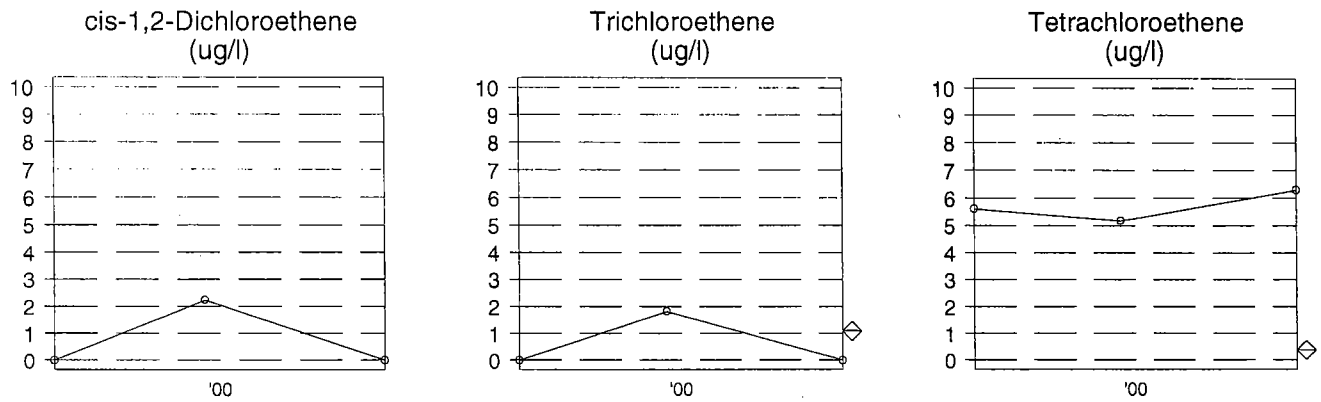
Page 1 of 1
Stream 23 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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06/12/2000 - 11/20/2000

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-06-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	0.388
06/12/2000	FMETL	ND	ND	4.72
08/24/2000	FMETL	1.54	1.41	4.33
11/20/2000	FMETL	ND	ND	4.41

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06/12/2000 - 11/20/2000

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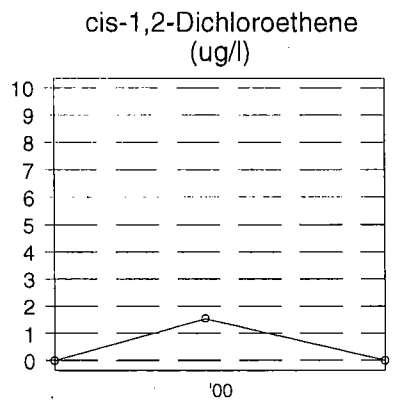
Page 1 of 2
Stream 24 is Fresh-Water

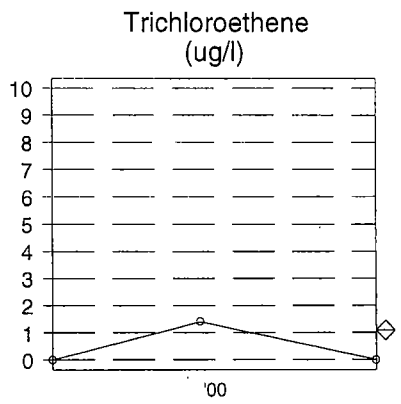
Fort Monmouth

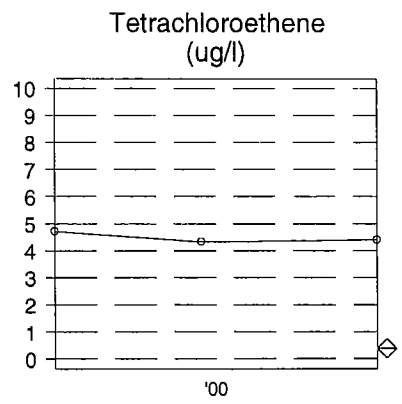
GW Monitoring
Streams

Source 19 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







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06/12/2000 - 11/20/2000

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	0.388
06/12/2000	FMETL	ND	ND	ND
08/24/2000	FMETL	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND

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06/12/2000 - 11/20/2000

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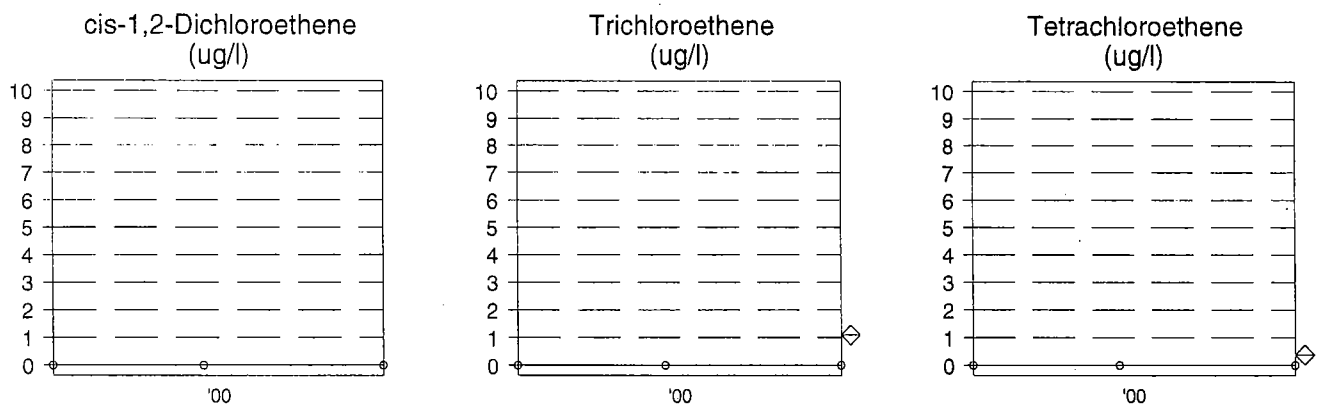
Page 1 of 1
Stream 25 is Salt-Water.

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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06/12/2000 - 11/20/2000

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	0.388
06/12/2000	FMETL	ND	ND	ND
08/24/2000	FMETL	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND

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06/12/2000 - 11/20/2000

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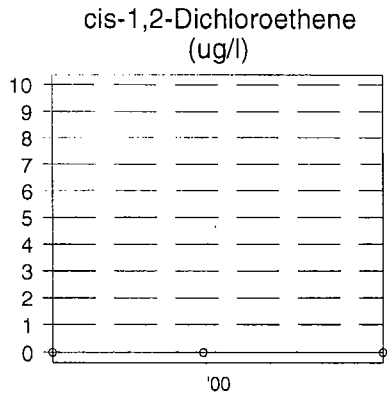
Page 1 of 1
Stream 26 is Fresh-Water

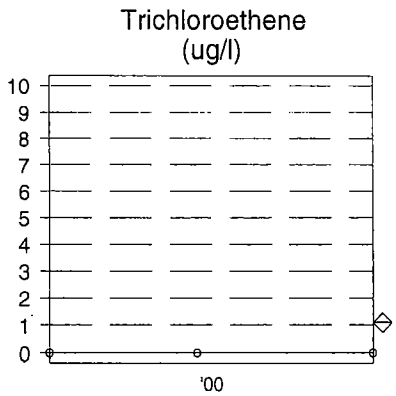
Fort Monmouth

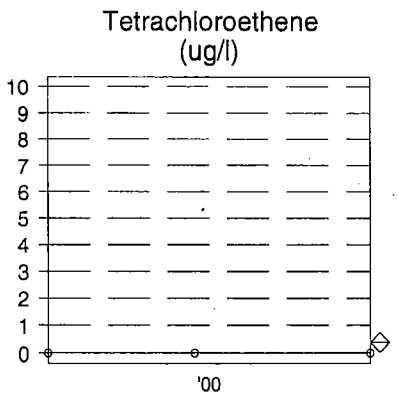
GW Monitoring
Streams

Source 21 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







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06/12/2000 - 11/20/2000

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-06-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Tetrachloro ethene
:	-	ug/l
NJDEP Criteria:	-	0.388
06/12/2000	FMETL	ND
08/24/2000	FMETL	1.72
11/20/2000	FMETL	1.87

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06/12/2000 - 11/20/2000

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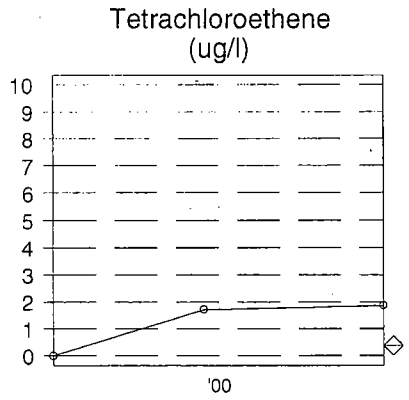
Page 1 of 1
Stream 27 is Salt Water.

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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06/12/2000 - 11/20/2000

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	0.388
06/12/2000	FMETL	ND	ND	ND
08/24/2000	FMETL	1.28	1.07	3.67
11/20/2000	FMETL	ND	ND	3.60

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06/12/2000 - 11/20/2000

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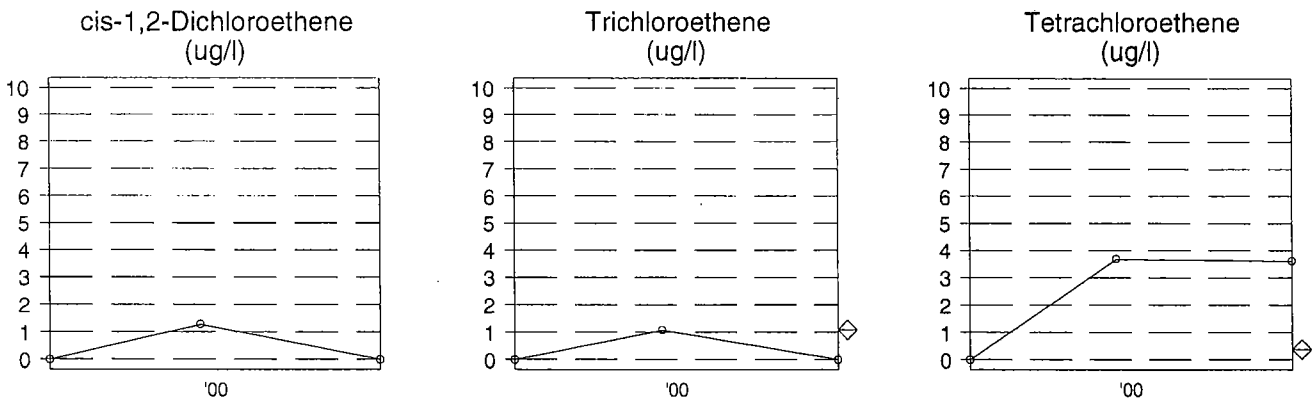
Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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06/12/2000 - 11/20/2000

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

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: 1st QTR Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	954	Aqueous	21-Feb-01 07:30	02/21/01
Stream Site #21	955	Aqueous	21-Feb-01 07:39	02/21/01
Stream Site #20	956	Aqueous	21-Feb-01 07:47	02/21/01
Stream Site #09	957	Aqueous	21-Feb-01 08:12	02/21/01
Stream Site #19	958	Aqueous	21-Feb-01 08:25	02/21/01
Stream Site #12	959	Aqueous	21-Feb-01 08:37	02/21/01
Stream Site #18	960	Aqueous	21-Feb-01 08:49	02/21/01
Stream Site #11	961	Aqueous	21-Feb-01 09:02	02/21/01
Stream Site #15	962	Aqueous	21-Feb-01 09:27	02/21/01
Stream Site #16	963	Aqueous	21-Feb-01 09:39	02/21/01
Stream Site #13	964	Aqueous	21-Feb-01 09:59	02/21/01
Stream Site #05	1309	Aqueous	08-Mar-01 09:49	03/08/01
Stream Site #04	1310	Aqueous	08-Mar-01 09:42	03/08/01
Stream Site #07	1311	Aqueous	08-Mar-01 09:28	03/08/01
Stream Site #17	1312	Aqueous	08-Mar-01 10:02	03/08/01
Stream Site #03	1313	Aqueous	08-Mar-01 10:14	03/08/01
Stream Site #14	1314	Aqueous	08-Mar-01 10:32	03/08/01
Stream Site #23	1315	Aqueous	08-Mar-01 09:00	03/08/01
Stream Site #24	1316	Aqueous	08-Mar-01 09:11	03/08/01
Stream Site #25	1317	Aqueous	08-Mar-01 09:56	03/08/01
Stream Site #26	1318	Aqueous	08-Mar-01 10:08	03/08/01
Stream Site #27	1319	Aqueous	08-Mar-01 09:20	03/08/01
Stream Site #28	1320	Aqueous	08-Mar-01 09:37	03/08/01

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, PCB's, WET CHEMISTRY

3-27-01

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: X24223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: Streams 1st Qtr '01

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters: VOC's, PCB, T. Coli ✓, NH_3 / NO_3, PO_4 / SO_4, Temp °C, pH SU, Dissolved Oxy

Comments: HCl / H_2SO_4 / 4°C

Lims Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOC's	PCB	T. Coli	NH_3 / NO_3	PO_4 / SO_4	Temp °C	pH SU	Dissolved Oxy	Remarks / Preservation Method	
951 .01	Trip	2/21/01	0700	AQ	2	✓					—	—	—		
952 .02	Field Blank		0720		5	✓	✓		✓	✓	—	—	—	Salinity	
953 .03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	%	D^{20}_{20}
954 .04	SS #22		0730		6	✓	✓	✓	✓	✓	3.9°	8.80	7.21	19.0	1.013
955 .05	#21		0739			✓	✓	✓	✓	✓	4.1°	8.59	7.25	19.0	1.014
956 .06	#20		0747			✓	✓	✓	✓	✓	4.0°	8.66	7.24	19.0	1.014
957 .07	#09		0812			✓	✓	✓	✓	✓	5.0	7.24	7.11	0.0	1.000
958 .08	#19 ★		0825			✓	✓	✓	✓	✓	5.4	7.27	7.19	0.0	1.000
959 .09	#12		0837			✓	✓	✓	✓	✓	6.5	7.46	7.05	0.0	1.000
960 .10	#18		0849			✓	✓	✓	✓	✓	6.0°	7.27	7.01	0.0	1.000
961 .11	#11		0902			✓	✓	✓	✓	✓	8.0	7.29	7.77	0.0	1.000
962 .12	#15		0927			✓	✓	✓	✓	✓	6.6	7.19	8.14	0.0	1.000 cloud
963 .13	#~~13~~ 16		0939			✓	✓	✓	✓	✓	6.7	7.16	6.93	0.0	1.000 cloudy
964 .14	#~~16~~ 13		0959			✓	✓	✓	✓	✓	6.7	7.14	8.17	0.0	1.000 cloudy

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	2/21/01 1035	[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, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H → Outgoing

print legibly

Coc.xls2/6/01

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J Fallon
Phone #: X26223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: Streams
Port II 1st Qtr '01

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters: VOTIS, PCB, T. Coli, NH_3/Hg, PO_4/SO_4, Temp °C, pH SU, Dissolved Oxy

Comments: HCL/H_2SO_4/<4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOTIS	PCB	T. Coli	NH_3/Hg	PO_4/SO_4	Temp °C	pH SU	Dissolved Oxy	Remarks / Preservation Method	
1306 .01	Trip	3/8/01	0745	AQ	2	✓					—	—	—	Salinity	
1307 .02	Field Blank		0850		5	✓	✓		✓	✓	—	—	—	% 0	D 20/22
1308 .03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	—	—
1309	SS #5		0949		6	✓	✓	✓	✓	✓	4.1	7.01	8.79	3.0	1.002
1310	#4		0942			✓	✓	✓	✓	✓	3.8	7.03	8.99	4.0	1.003
1311	#7		0928			✓	✓	✓	✓	✓	3.5	7.31	8.87	11.00	1.008
1312	#17		1002			✓	✓	✓	✓	✓	3.4	7.07	8.81	2.0	1.001
1313	#3		1014			✓	✓	✓	✓	✓	3.3	7.09	8.92	0.0	1.000
1314	#14 ★		1032			✓	✓	✓	✓	✓	3.3	7.08	8.97	0.0	1.000
1315	#23		0900			✓	✓	✓	✓	✓	3.7	6.95	9.27	0.0	1.000
1316	#24		0911			✓	✓	✓	✓	✓	3.8	6.93	9.25	0.0	1.000
1317	#25		0956			✓	✓	✓	✓	✓	4.0	7.05	8.77	2.0	1.001
1318	#26		1008			✓	✓	✓	✓	✓	3.3	7.08	8.80	1.0	1.001
1319	#27		0920			✓	✓	✓	✓	✓	3.4	7.34	8.41	13.0	1.010
1320	#28		0937			✓	✓	✓	✓	✓	3.6	7.10	4.98	5.0	1.003

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/8/01 1125	[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, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H → 0
Recent storm, Higher Tides than normal. / excess runoff,

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VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	**:**	**Method Detection Limit**
J	**:**	**Compound identified below detection limit**
B	**:**	**Compound found in blank**
D	**:**	**Results are from a dilution of the sample**
U	**:**	**Compound searched for but not detected**
E	**:**	**Compound exceeds calibration limit**
PQL	**:**	**Practical Quantitation Limit**
NLE	**:**	**No limit established**
RT	**:**	**Retention time**

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005054.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB 022601**
Date Aquired	**26-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005054.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB 022601**
Date Aquired	**26-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 022601**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: MB

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005054.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. _____ Date Analyzed: 2/26/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005088.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB**
Date Aquired	**28-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005088.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB**
Date Aquired	**28-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 022801**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: MB

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005088.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. _____ Date Analyzed: 2/28/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005203.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB 031201**
Date Aquired	**12-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005203.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB 031201**
Date Aquired	**12-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 031201**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: MB

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005203.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/12/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005077.D**	Sample Name	**951**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**27-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005077.D**	Sample Name	**951**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**27-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 951

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005077.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. _____ Date Analyzed: 2/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005214.D**	Sample Name	**1306**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**12-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005214.D**	Sample Name	**1306**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**12-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1306

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005214.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/12/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005078.D**	Sample Name	**952**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**27-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005078.D**	Sample Name	**952**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**27-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 952

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005078.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. _____ Date Analyzed: 2/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005215.D**	Sample Name	**1307**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**12-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005215.D**	Sample Name	**1307**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**12-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1307

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005215.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/12/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005079.D**	Sample Name	**953**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**27-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	258901	3.87 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005079.D**	Sample Name	**953**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**27-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	258901	3.87 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 953

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005079.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. _____ Date Analyzed: 2/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005216.D**	Sample Name	**1308**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**12-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005216.D**	Sample Name	**1308**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**12-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1308

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005216.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/12/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005221.D**	Sample Name	**1313**
Operator	**Skelton**	Field ID	**SS#03**
Date Aquired	**13-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#03**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1313

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005221.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005218.D**	Sample Name	**1310**
Operator	**Skelton**	Field ID	**SS#04**
Date Aquired	**13-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	115116	2.52 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#04**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1310

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005218.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005217.D**	Sample Name	**1309**
Operator	**Skelton**	Field ID	**SS#05**
Date Aquired	**12-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#05**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1309

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005217.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/12/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005219.D**	Sample Name	**1311**
Operator	**Skelton**	Field ID	**SS#07**
Date Aquired	**13-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#07**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1311

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005219.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005083.D**	Sample Name	**957**
Operator	**Skelton**	Field ID	**SS#09**
Date Aquired	**27-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	123432	1.72 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#09**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 957

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005083.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. Date Analyzed: 2/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005091.D**	Sample Name	**961**
Operator	**Skelton**	Field ID	**SS#11**
Date Aquired	**28-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	607753	8.26 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#11**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 961

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005091.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. _____ Date Analyzed: 2/28/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005089.D**	Sample Name	**959**
Operator	**Skelton**	Field ID	**SS#12**
Date Aquired	**28-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	146871	1.89 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#12**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 959

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005089.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. _____ Date Analyzed: 2/28/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005094.D**	Sample Name	**964**
Operator	**Skelton**	Field ID	**SS#13**
Date Aquired	**28-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

3/1/01 1:52 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#13**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 964

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005094.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. _____ Date Analyzed: 2/28/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005222.D**	Sample Name	**1314**
Operator	**Skelton**	Field ID	**SS#14**
Date Aquired	**13-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#14**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1314

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005222.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005092.D**	Sample Name	**962**
Operator	**Skelton**	Field ID	**SS#15**
Date Aquired	**28-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.28	265165	7.19 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#15**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 962

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005092.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. _____ Date Analyzed: 2/28/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005093.D**	Sample Name	**963**
Operator	**Skelton**	Field ID	**SS#16**
Date Aquired	**28-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.28	225321	6.25 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#16**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 963

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005093.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. _____ Date Analyzed: 2/28/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005220.D**	Sample Name	**1312**
Operator	**Skelton**	Field ID	**SS#17**
Date Aquired	**13-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#17**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1312

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005220.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005090.D**	Sample Name	**960**
Operator	**Skelton**	Field ID	**SS#18**
Date Aquired	**28-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	305827	4.10 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#18**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 960

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005090.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. _____ Date Analyzed: 2/28/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005084.D**	Sample Name	**958**
Operator	**Skelton**	Field ID	**SS#19**
Date Aquired	**27-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	210295	2.99 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#19**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 958

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005084.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. _____ Date Analyzed: 2/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005082.D**	Sample Name	**956**
Operator	**Skelton**	Field ID	**SS#20**
Date Aquired	**27-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#20**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 956

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005082.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. Date Analyzed: 2/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005081.D**	Sample Name	**955**
Operator	**Skelton**	Field ID	**SS#21**
Date Aquired	**27-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#21**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 955

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005081.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. _____ Date Analyzed: 2/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005080.D**	Sample Name	**954**
Operator	**Skelton**	Field ID	**SS#22**
Date Aquired	**27-Feb-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#22**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 951-964 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 954

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005080.D

Level: (low/med) LOW Date Received: 2/21/01

% Moisture: not dec. _____ Date Analyzed: 2/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005223.D**	Sample Name	**1315**
Operator	**Skelton**	Field ID	**SS#23**
Date Aquired	**13-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	215243	4.78 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#23**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1315

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005223.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005224.D**	Sample Name	**1316**
Operator	**Skelton**	Field ID	**SS#24**
Date Aquired	**13-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	213579	4.76 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#24**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1316

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005224.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005225.D**	Sample Name	**1317**
Operator	**Skelton**	Field ID	**SS#25**
Date Aquired	**13-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#25**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1317

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005225.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005226.D**	Sample Name	**1318**
Operator	**Skelton**	Field ID	**SS#26**
Date Aquired	**13-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#26**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1318

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005226.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005227.D**	Sample Name	**1319**
Operator	**Skelton**	Field ID	**SS#27**
Date Aquired	**13-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

3/13/01 3:35 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#27**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1319

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005227.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005228.D**	Sample Name	**1320**
Operator	**Skelton**	Field ID	**SS#28**
Date Aquired	**13-Mar-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.28	116341	2.56 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#28**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 1306-132 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1320

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005228.D

Level: (low/med) LOW Date Received: 3/8/01

% Moisture: not dec. _____ Date Analyzed: 3/13/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

PCB's

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB-1026
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/23/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/26/01
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB-1057
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/21/01
	Bldg. 173	**Extraction Date:**	2/27/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/28/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB-1466
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/01
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	952
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/21/01
	Bldg. 173	**Extraction Date:**	2/23/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/27/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1307
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/8/01
	Bldg. 173	**Extraction Date:**	3/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	953
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/21/01
	Bldg. 173	**Extraction Date:**	2/23/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/27/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1308
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/8/01
	Bldg. 173	**Extraction Date:**	3/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1313
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/8/01
	Bldg. 173	**Extraction Date:**	3/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	ss #3
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1310
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/8/01
	Bldg. 173	**Extraction Date:**	3/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	ss #4
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1309
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/8/01
	Bldg. 173	**Extraction Date:**	3/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	ss #5
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1311
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/8/01
	Bldg. 173	**Extraction Date:**	3/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	ss #7
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	957
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/21/01
	Bldg. 173	**Extraction Date:**	2/27/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/28/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	961
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/21/01
	Bldg. 173	**Extraction Date:**	2/27/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/28/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	959
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/21/01
	Bldg. 173	**Extraction Date:**	2/27/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/28/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #12
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	964
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/21/01
	Bldg. 173	**Extraction Date:**	2/27/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/28/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #13
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1314
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/8/01
	Bldg. 173	**Extraction Date:**	3/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	ss #14
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0519	**ND**
Arochlor 1221	**1**		0.50	0.1593	**ND**
Arochlor 1232	**1**		0.50	0.0650	**ND**
Arochlor 1242	**1**		0.50	0.1047	**ND**
Arochlor 1248	**1**		0.50	0.0629	**ND**
Arochlor 1254	**1**		0.50	0.0742	**ND**
Arochlor 1260	**1**		0.50	0.0782	**ND**
Arochlor 1268	**1**		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	962
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/21/01
	Bldg. 173	**Extraction Date:**	2/27/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/28/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #15
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	963
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/21/01
	Bldg. 173	**Extraction Date:**	2/27/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/28/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #16
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1312
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/8/01
	Bldg. 173	**Extraction Date:**	3/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	ss #17
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	960
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/21/01
	Bldg. 173	**Extraction Date:**	2/27/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/28/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #18
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	958
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/21/01
	Bldg. 173	**Extraction Date:**	2/27/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/28/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #19
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	956
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/21/01
	Bldg. 173	**Extraction Date:**	2/23/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/27/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #20
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	955
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/21/01
	Bldg. 173	**Extraction Date:**	2/23/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/27/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #21
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	954
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/21/01
	Bldg. 173	**Extraction Date:**	2/23/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/27/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	SS #22
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1315
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/8/01
	Bldg. 173	**Extraction Date:**	3/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	ss #23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1316
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/8/01
	Bldg. 173	**Extraction Date:**	3/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	ss #24
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1317
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/8/01
	Bldg. 173	**Extraction Date:**	3/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	ss #25
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1318
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/8/01
	Bldg. 173	**Extraction Date:**	3/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	ss #26
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1319
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/8/01
	Bldg. 173	**Extraction Date:**	3/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	ss #27
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND
Arochlor 1268	1		0.50	0.0500	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1320
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/8/01
	Bldg. 173	**Extraction Date:**	3/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	ss #28
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

WET CHEMISTRY

Stream Water Analysis
1st Quarter 2001

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)
954	2/21/01	22	8.80	ND	.05	ND	2050	7.21	40	20
955	2/21/01	21	8.59	ND	0.4	ND	1700	7.25	20	0
956	2/21/01	20	8.66	ND	0.4	ND	1800	7.24	20	40
957	2/21/01	9	7.24	0.197	1.6	ND	40	7.11	100	0
958	2/21/01	19	7.27	0.10	1.6	ND	26	7.19	140	80
959	2/21/01	12	7.46	ND	1.8	ND	28	7.05	60	20
960	2/21/01	18	7.27	ND	1.5	ND	26	7.01	200	0
961	2/21/01	11	7.29	ND	1.9	ND	25	7.77	120	120
962	2/21/01	15	7.19	0.51	0.9	ND	31	8.14	640	0
963	2/21/01	16	7.16	0.56	1.0	ND	33	6.93	520	0
964	2/21/01	13	7.14	0.55	0.9	ND	32	8.17	760	0
1309	3/8/01	5	7.01	ND	1.1	ND	100	8.79	300	20
1310	3/8/01	4	7.03	ND	1.1	ND	300	8.99	440	0
1311	3/8/01	7	7.31	ND	1.0	ND	225	8.87	100	20
1312	3/8/01	17	7.07	ND	1.3	ND	200	8.81	500	0
1313	3/8/01	3	7.09	ND	1.9	ND	225	8.92	280	100
1314	3/8/01	14	7.08	ND	1.9	ND	32	8.97	140	20
1315	3/8/01	23	6.95	ND	2.6	ND	41	9.27	280	20
1316	3/8/01	24	6.93	ND	1.9	ND	39	9.25	560	0
1317	3/8/01	25	7.05	ND	1.2	ND	275	8.77	380	20
1318	3/8/01	26	7.08	ND	1.3	ND	200	8.80	200	100
1319	3/8/01	27	7.34	ND	1.2	ND	200	8.91	20	0
1320	3/8/01	28	7.10	ND	0.9	ND	200	8.98	200	20

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed: 3/19/01
Reviewed: 3/19/01

3-21-01

Daniel K. Wright

Laboratory Director

LTM

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	2.00	ND	ND	ND	ND	ND	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
11/18/1998	FMETL	ND	ND	ND	1.09	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND

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04/08/1997 - 03/08/2001

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Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

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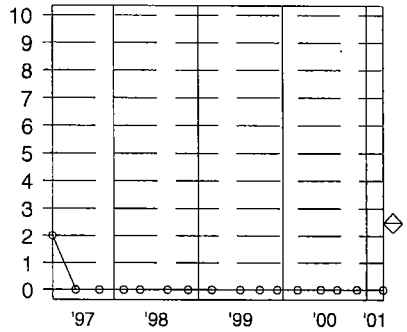
Fort Monmouth

GW Monitoring
Streams

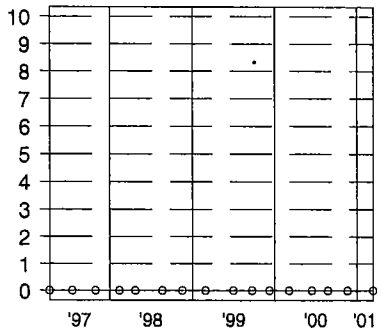
Source 1 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

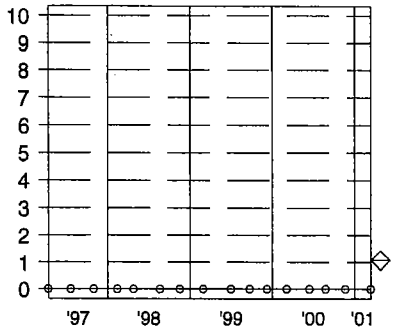
Methylene Chloride
(ug/l)



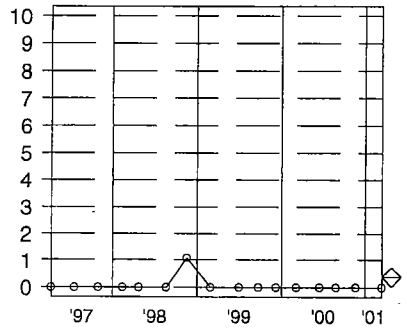
cis-1,2-Dichloroethene
(ug/l)



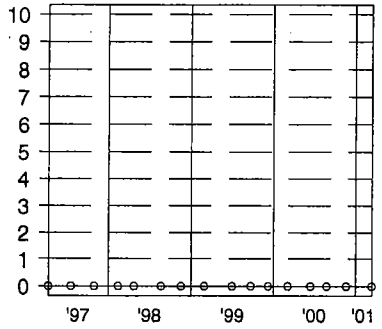
Trichloroethene
(ug/l)



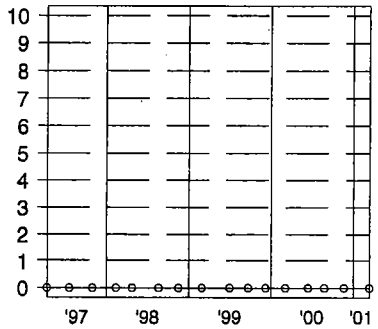
Tetrachloroethene
(ug/l)



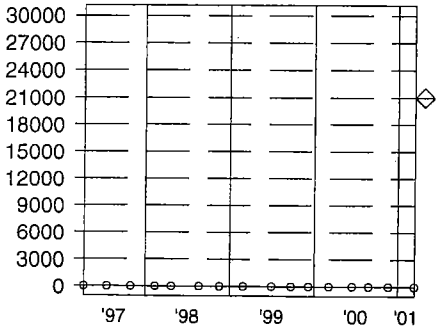
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 03/08/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	ND	2.18	ND	ND	ND	ND	ND
07/17/1997	FMETL	ND	1.63	ND	1.61	ND	ND	ND
10/30/1997	FMETL	ND	ND	ND	1.24	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	6.61	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	4.42	ND	ND	ND
08/19/1998	FMETL	ND	1.92	1.10	2.85	ND	ND	ND
11/17/1998	FMETL	ND	1.19	ND	1.62	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	5.61	ND	ND	ND
06/29/1999	FMETL	ND	2.41	1.56	5.27	ND	ND	ND
09/22/1999	FMETL	ND	2.02	ND	1.85	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
03/01/2000	FMETL	ND	1.23	1.26	6.18	ND	2.18	ND
06/12/2000	FMETL	ND	ND	ND	4.37	ND	ND	ND
08/24/2000	FMETL	ND	1.19	1.19	3.19	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	3.70	ND	ND	ND
03/08/2001	FMETL	ND	ND	ND	2.52	ND	ND	ND

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04/08/1997 - 03/08/2001

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PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit is NLE
TCE limit is 81
PCE limit is 4.29

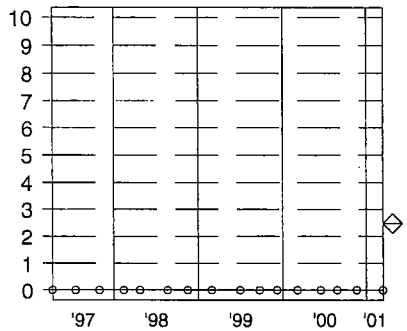
Fort Monmouth

GW Monitoring
Streams

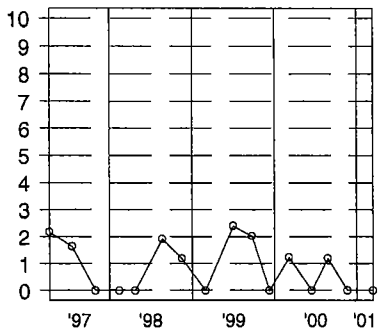
Source 2 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

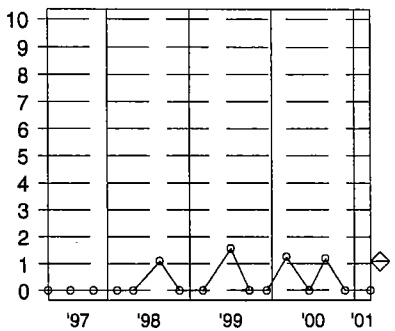
Methylene Chloride
(ug/l)



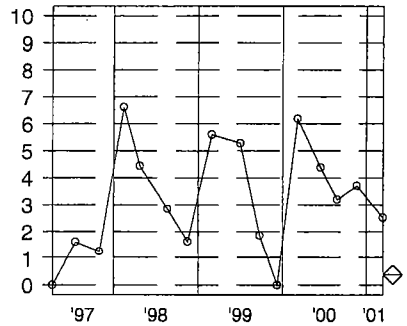
cis-1,2-Dichloroethene
(ug/l)



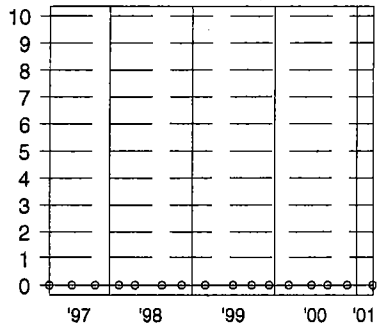
Trichloroethene
(ug/l)



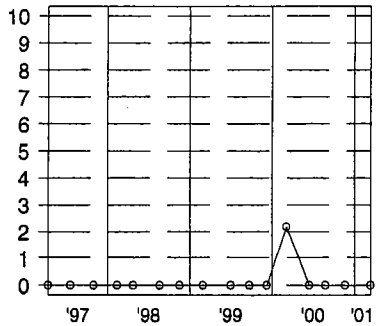
Tetrachloroethene
(ug/l)



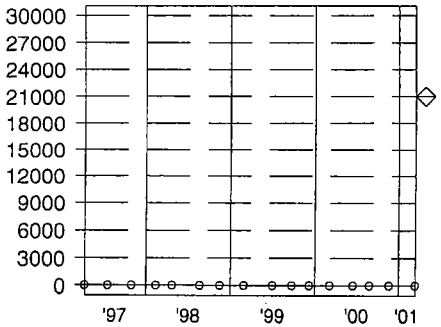
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 03/08/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	1.96	1.80	ND	2.28	ND	ND	ND
07/17/1997	FMETL	ND	3.66	ND	3.54	ND	ND	ND
10/30/1997	FMETL	ND	1.83	ND	1.70	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	6.34	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	4.48	ND	ND	ND
08/19/1998	FMETL	ND	2.28	1.27	3.39	ND	ND	ND
11/17/1998	FMETL	ND	1.67	ND	2.17	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	5.45	ND	ND	ND
06/29/1999	FMETL	ND	2.74	1.74	6.04	ND	ND	ND
09/22/1999	FMETL	ND	1.96	ND	1.82	ND	ND	ND
12/09/1999	FMETL	ND	1.60	ND	3.82	ND	ND	ND
03/01/2000	FMETL	ND	1.27	1.36	6.62	ND	2.34	ND
06/12/2000	FMETL	ND	ND	ND	4.38	ND	ND	ND
08/24/2000	FMETL	ND	1.19	ND	3.44	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	3.58	ND	ND	ND
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND

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04/08/1997 - 03/08/2001

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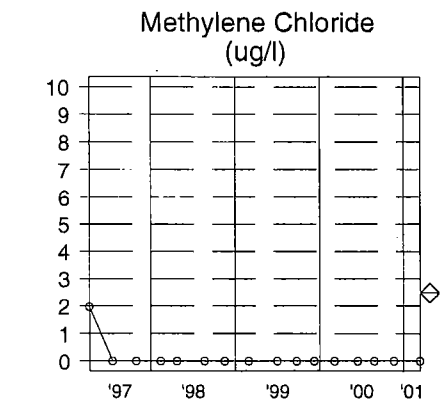
Page 1 of 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

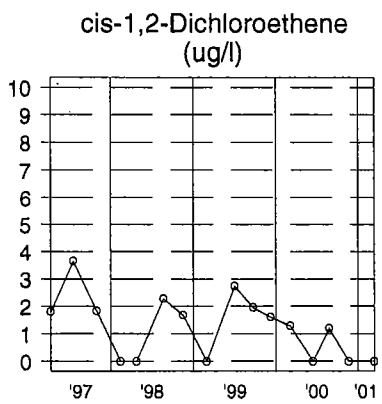
Fort Monmouth

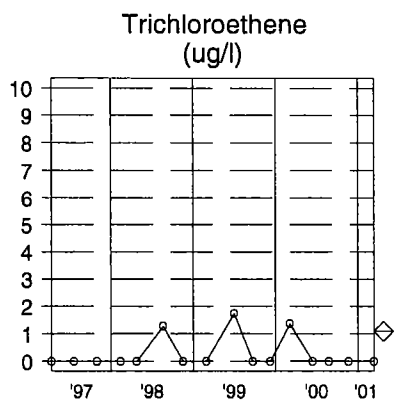
GW Monitoring
Streams

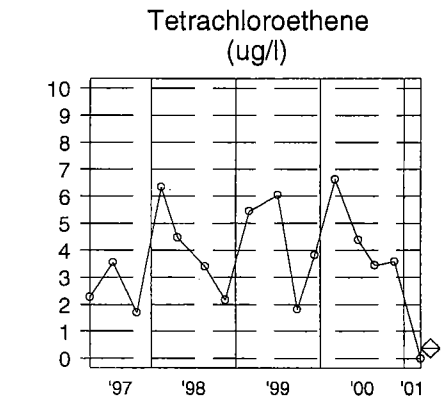
Source 3 of 23

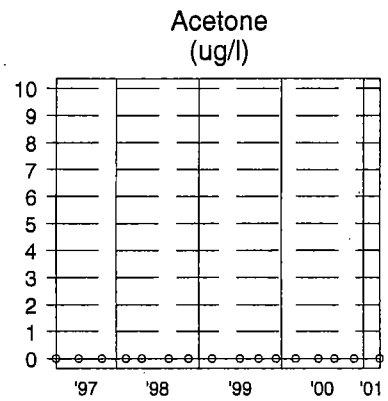
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

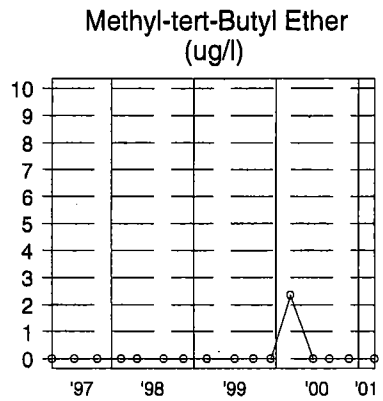


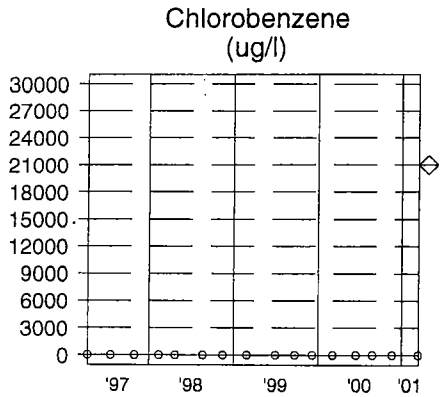












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04/08/1997 - 03/08/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
07/17/1997	FMETL	ND	1.14	ND	1.08	ND	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	2.04	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	2.40	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	2.85	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	1.42	2.94	2.00	ND
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
03/01/2000	FMETL	ND	1.19	1.30	6.47	ND	2.14	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	ND	ND	1.77	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	1.94	ND	ND	ND
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND

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04/08/1997 - 03/08/2001

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Page 1 of 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

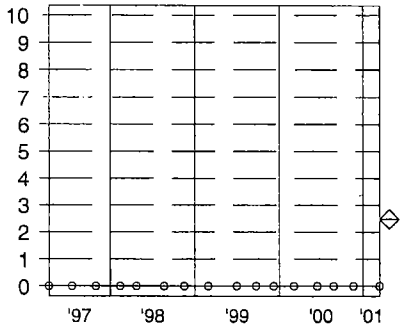
Fort Monmouth

GW Monitoring
Streams

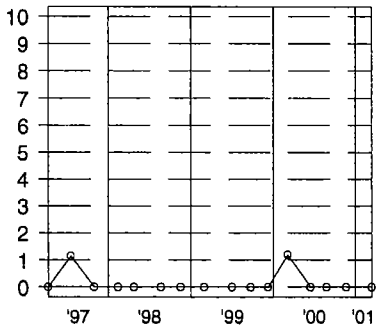
Source 4 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

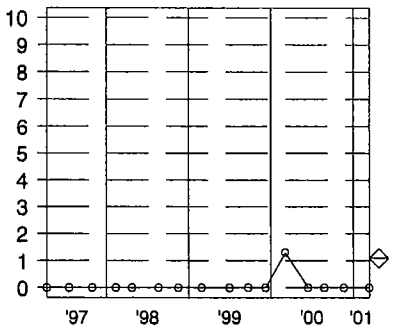
Methylene Chloride
(ug/l)



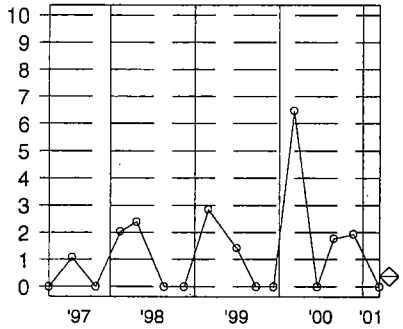
cis-1,2-Dichloroethene
(ug/l)



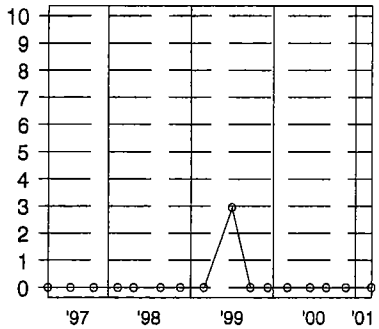
Trichloroethene
(ug/l)



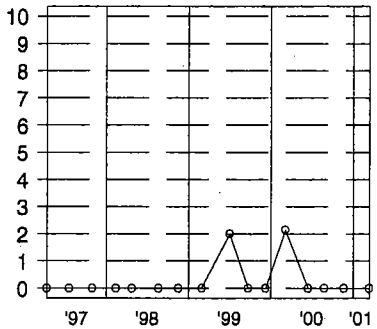
Tetrachloroethene
(ug/l)



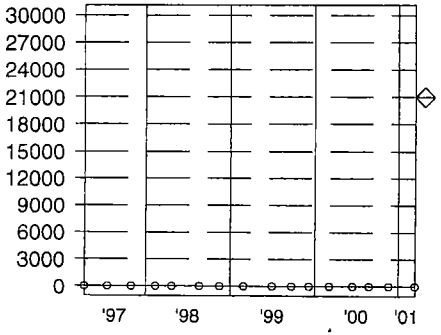
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 03/08/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	1.82	2.78	ND	ND	ND	ND	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	2.14	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	6.00	ND	ND	ND	ND	ND
04/21/1998	FMETL	ND	4.73	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	1.69	ND	ND	ND	ND	ND
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	1.78	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	2.50	ND	ND
09/21/1999	FMETL	ND	1.91	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	ND	25.08	ND	ND
03/01/2000	FMETL	ND	2.17	ND	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	1.11	ND	ND	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
11/20/2000D	FMETL	ND	ND	ND	ND	ND	ND	ND
02/21/2001	FMETL	ND	1.72	ND	ND	ND	ND	ND

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PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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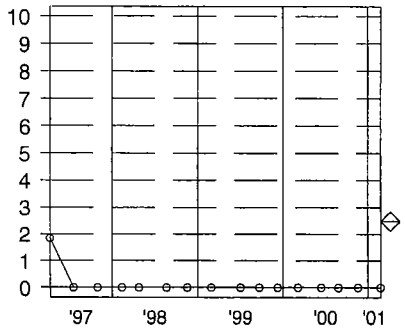
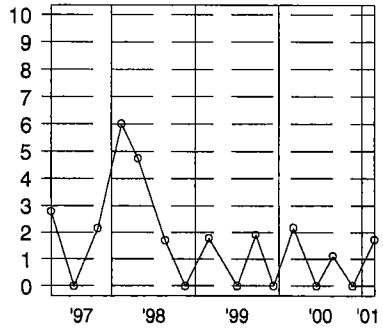
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

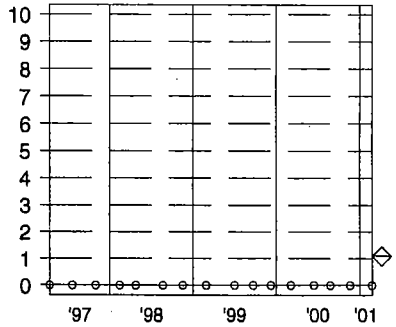
Methylene Chloride
(ug/l)



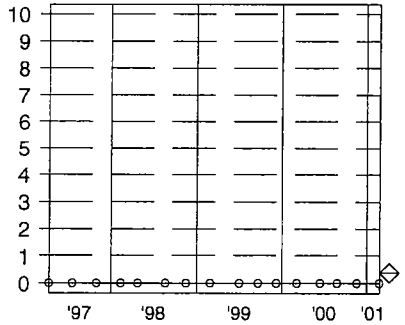
cis-1,2-Dichloroethene
(ug/l)



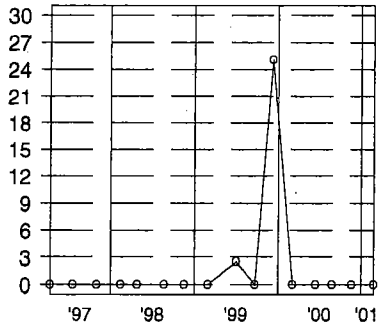
Trichloroethene
(ug/l)



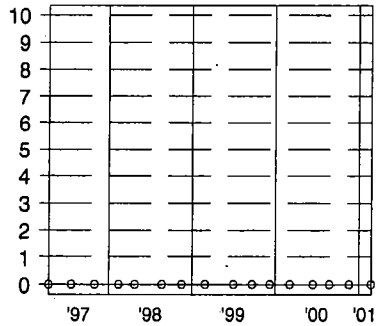
Tetrachloroethene
(ug/l)



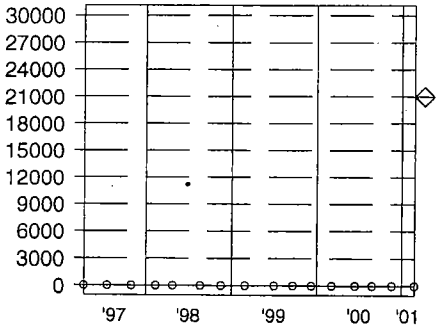
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 02/21/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	ND	18.72	1.58	ND	ND	ND	ND
07/17/1997	FMETL	ND	14.13	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	18.23	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	24.71	2.14	ND	ND	ND	ND
04/21/1998	FMETL	ND	21.66	1.82	ND	ND	ND	ND
08/19/1998	FMETL	ND	11.73	ND	ND	ND	ND	ND
11/18/1998	FMETL	ND	8.82	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	9.11	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	5.77	ND	ND	ND	ND	ND
09/21/1999	FMETL	ND	15.62	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	11.90	ND	ND	ND	ND	ND
03/01/2000	FMETL	ND	11.01	ND	ND	ND	1.64	ND
06/12/2000	FMETL	ND	8.03	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	9.08	ND	ND	ND	ND	ND
08/24/2000D	FMETL	ND	8.70	ND	ND	6.22	ND	ND
11/20/2000	FMETL	ND	5.34	ND	ND	ND	ND	ND
02/21/2001	FMETL	ND	8.26	ND	ND	ND	ND	ND

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04/08/1997 - 02/21/2001

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Page 1 of1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

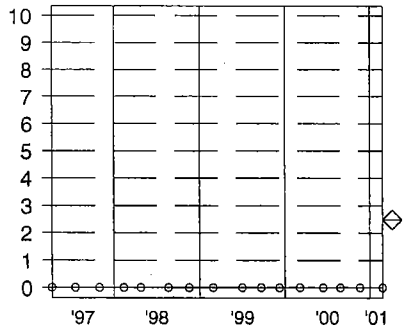
Fort Monmouth

GW Monitoring
Streams

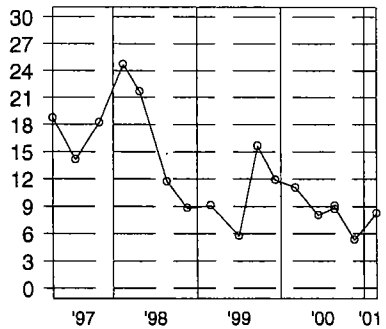
Source 6 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

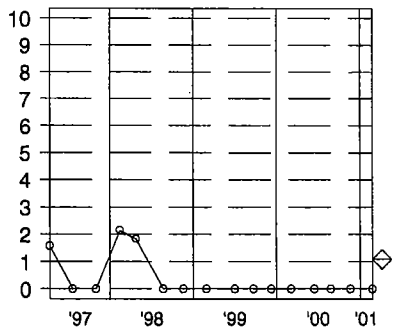
Methylene Chloride
(ug/l)



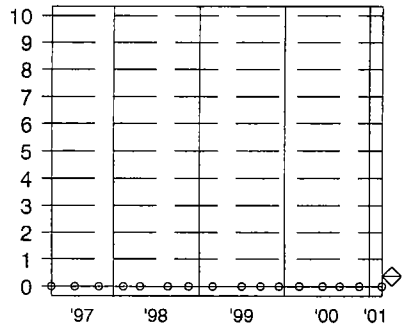
cis-1,2-Dichloroethene
(ug/l)



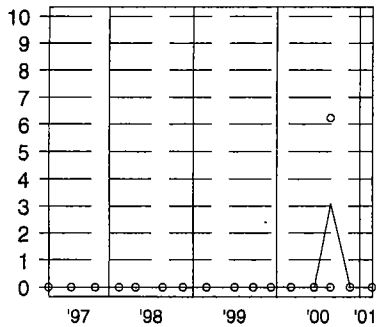
Trichloroethene
(ug/l)



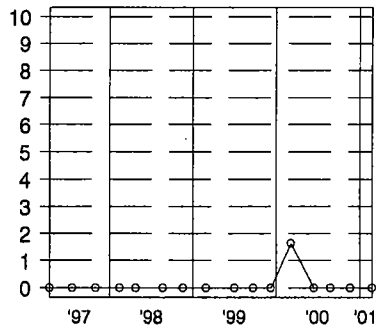
Tetrachloroethene
(ug/l)



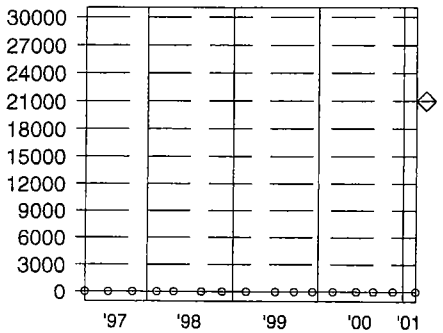
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 02/21/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	ND	6.63	ND	ND	ND	ND	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	5.67	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	6.54	ND	ND	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	4.58	ND	ND	ND	ND	ND
11/18/1998	FMETL	ND	2.48	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	1.80	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	1.39	ND	ND	ND	ND	ND
09/21/1999	FMETL	ND	3.67	ND	ND	9.54	ND	ND
12/09/1999	FMETL	ND	2.74	ND	ND	ND	ND	ND
03/01/2000	FMETL	ND	3.13	ND	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	2.00	ND	ND	ND	ND	ND
11/20/2000	FMETL	ND	1.87	ND	ND	ND	ND	ND
02/21/2001	FMETL	ND	1.89	ND	ND	ND	ND	ND

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04/08/1997 - 02/21/2001

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Page 1 of 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

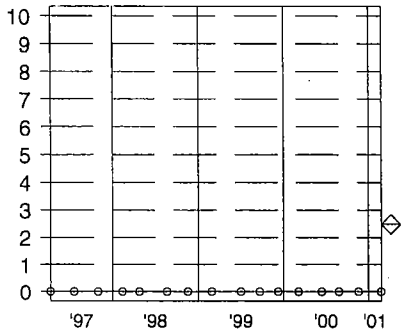
Fort Monmouth

GW Monitoring
Streams

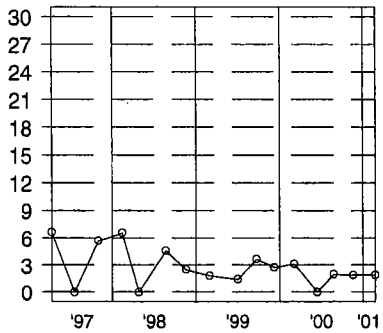
Source 7 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

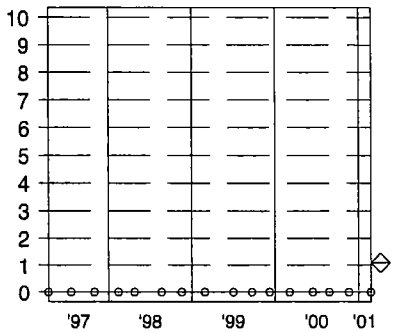
Methylene Chloride
(ug/l)



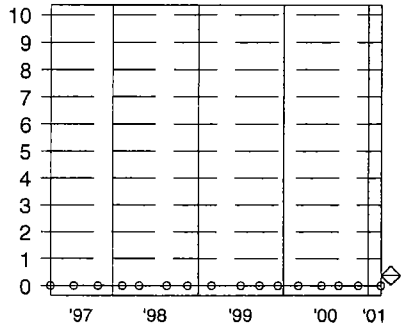
cis-1,2-Dichloroethene
(ug/l)



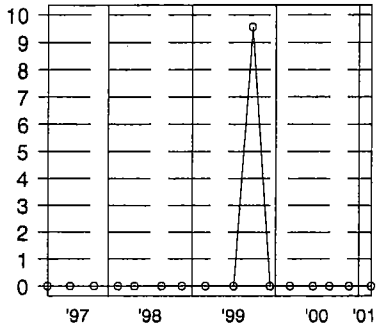
Trichloroethene
(ug/l)



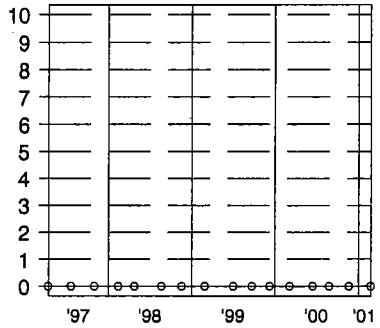
Tetrachloroethene
(ug/l)



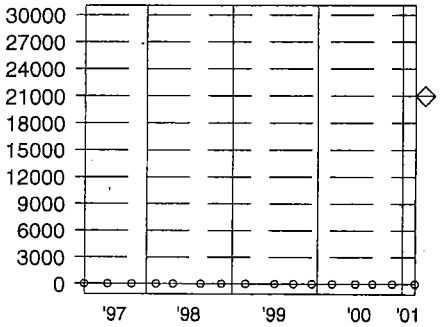
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 02/21/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	1.91	ND	ND	ND	2.81	ND	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	3.94	ND	ND	ND
03/01/2000	FMETL	ND	1.35	1.40	6.92	ND	2.40	ND
06/12/2000	FMETL	ND	ND	ND	5.56	ND	ND	ND
08/24/2000	FMETL	ND	2.17	1.78	5.40	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	6.58	ND	ND	ND
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND

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04/08/1997 - 02/21/2001

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Page 1 of 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

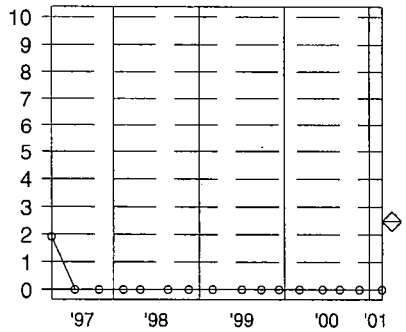
Fort Monmouth

GW Monitoring
Streams

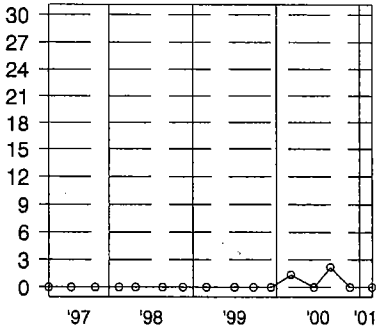
Source 8 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

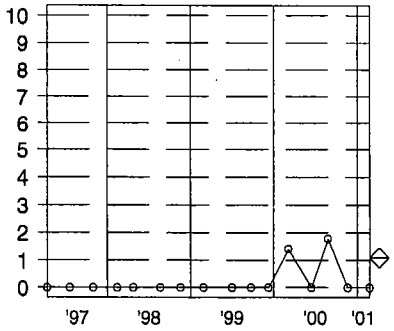
Methylene Chloride
(ug/l)



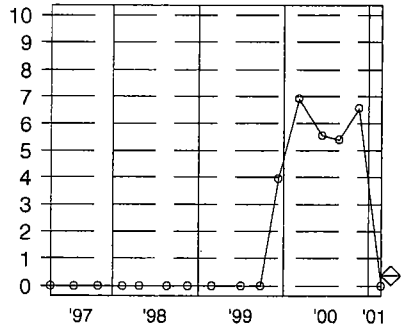
cis-1,2-Dichloroethene
(ug/l)



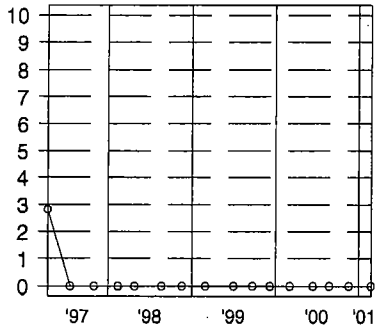
Trichloroethene
(ug/l)



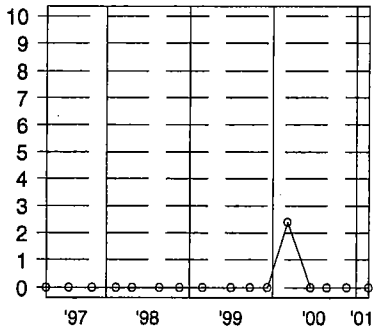
Tetrachloroethene
(ug/l)



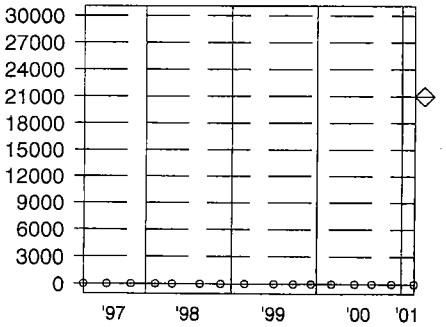
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 02/21/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	ND	ND	ND	ND	3.94	ND	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	1.59	1.75	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
11/18/1998	FMETL	ND	ND	ND	ND	3.32	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	11.26	ND	ND	ND	ND	ND
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND
03/08/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND

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04/08/1997 - 03/08/2001

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Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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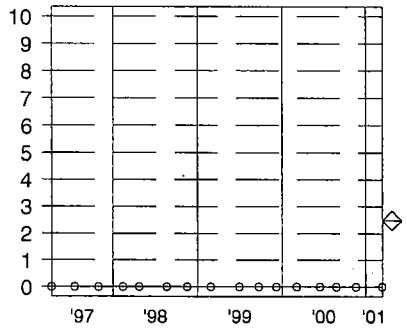
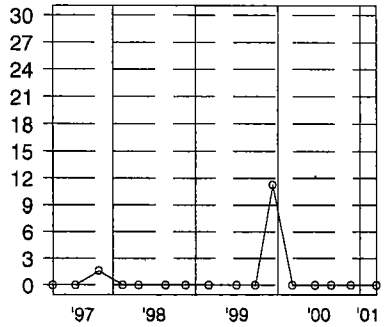
FORT MONMOUTH
SELFM-PW-EV

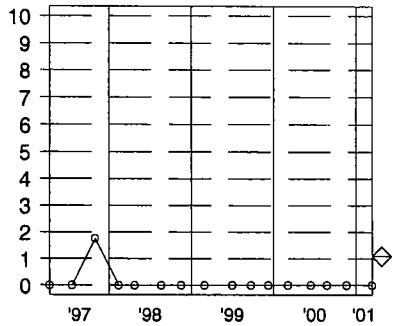
Methylene Chloride
(ug/l)



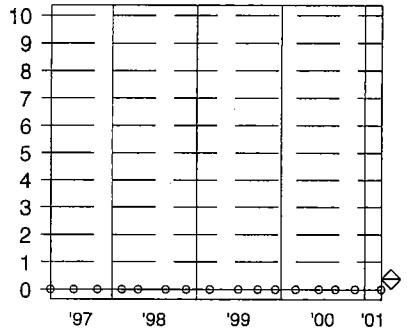
cis-1,2-Dichloroethene
(ug/l)



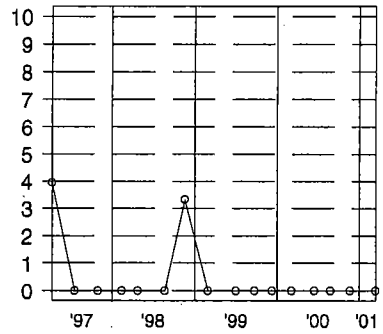
Trichloroethene
(ug/l)



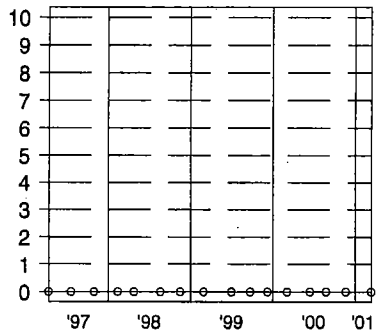
Tetrachloroethene
(ug/l)



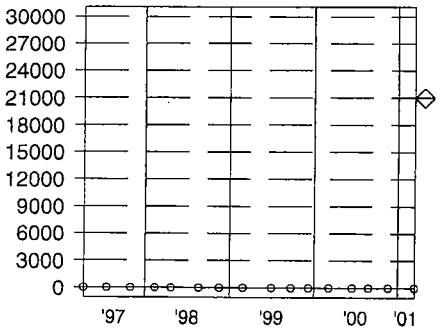
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	ND	2.69	1.60	6.00	ND	ND	ND
07/17/1997	FMETL	ND	5.53	2.50	7.12	ND	ND	ND
10/30/1997	FMETL	ND	2.57	ND	2.72	ND	ND	ND
02/10/1998	FMETL	ND	ND	1.03	6.90	ND	ND	ND
04/21/1998	FMETL	ND	1.22	1.21	5.72	ND	ND	ND
08/19/1998	FMETL	ND	3.89	2.06	5.39	ND	ND	ND
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	7.33	ND	ND	ND
06/29/1999	FMETL	ND	4.17	2.40	7.86	ND	ND	ND
09/21/1999	FMETL	ND	3.59	1.37	2.61	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	4.08	ND	ND	ND
03/01/2000	FMETL	ND	1.39	1.39	6.95	ND	2.38	ND
06/12/2000	FMETL	ND	ND	ND	5.94	ND	ND	ND
08/24/2000	FMETL	ND	2.02	1.09	5.20	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	6.29	ND	ND	ND
02/21/2001	FMETL	ND	ND	ND	7.19	ND	ND	ND

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Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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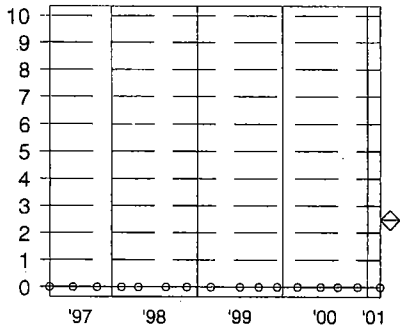
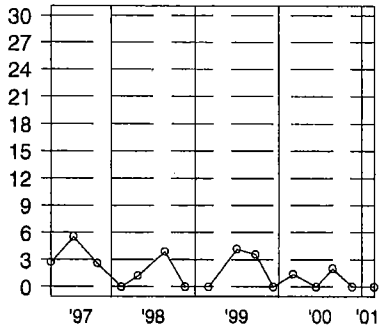
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

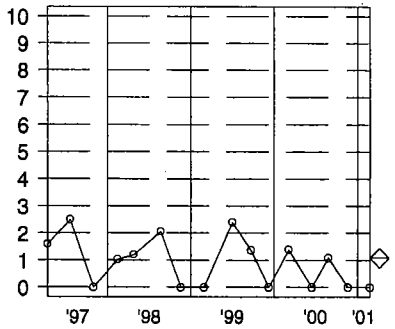
Methylene Chloride
(ug/l)



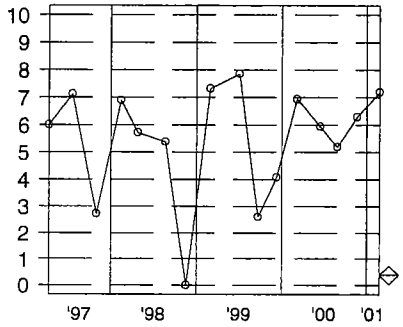
cis-1,2-Dichloroethene
(ug/l)



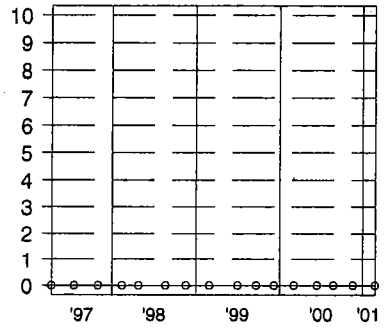
Trichloroethene
(ug/l)



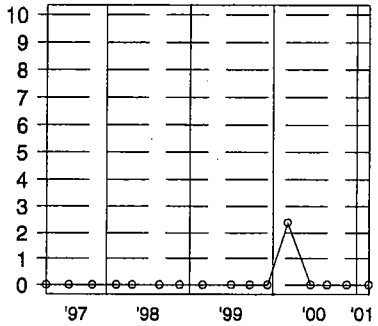
Tetrachloroethene
(ug/l)



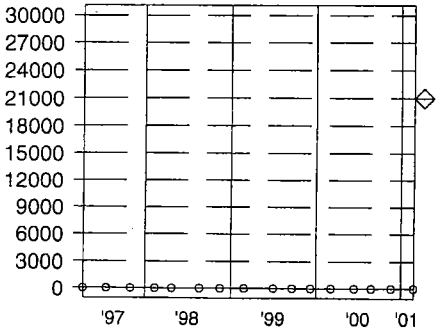
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
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Source 10 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	ND	2.05	1.26	4.47	ND	ND	ND
07/17/1997	FMETL	ND	2.55	ND	4.72	ND	ND	ND
10/30/1997	FMETL	ND	1.76	ND	1.86	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	6.23	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	4.58	ND	ND	ND
08/19/1998	FMETL	ND	2.94	1.63	4.33	ND	ND	ND
11/18/1998	FMETL	ND	ND	ND	1.48	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	6.06	ND	ND	ND
06/29/1999	FMETL	ND	3.56	2.25	7.70	ND	ND	ND
09/22/1999	FMETL	ND	2.74	ND	2.63	ND	ND	ND
12/09/1999	FMETL	ND	1.79	ND	4.13	ND	ND	ND
03/01/2000	FMETL	ND	1.28	1.27	6.47	ND	2.33	ND
06/12/2000	FMETL	ND	ND	ND	3.74	ND	ND	ND
08/24/2000	FMETL	ND	1.68	1.28	4.47	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	4.49	ND	ND	ND
02/21/2001	FMETL	ND	ND	ND	6.25	ND	ND	ND

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04/08/1997 - 02/21/2001

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Page 1 of 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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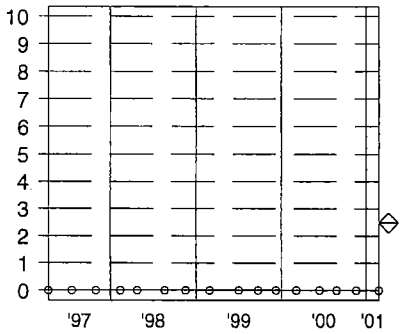
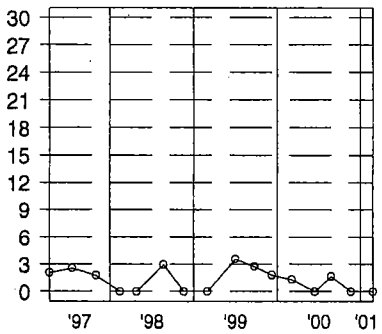
FORT MONMOUTH
SELFM-PW-EV

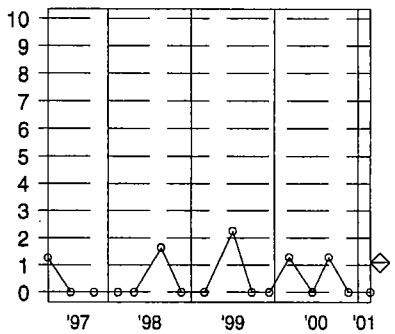
Methylene Chloride
(ug/l)



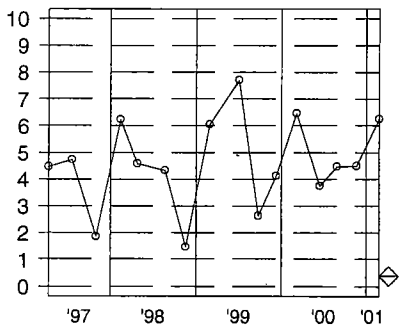
cis-1,2-Dichloroethene
(ug/l)



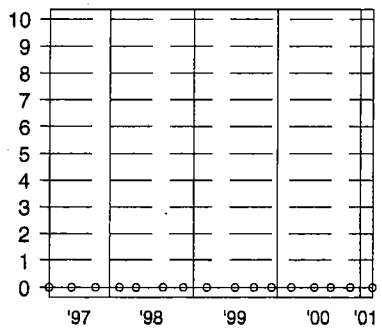
Trichloroethene
(ug/l)



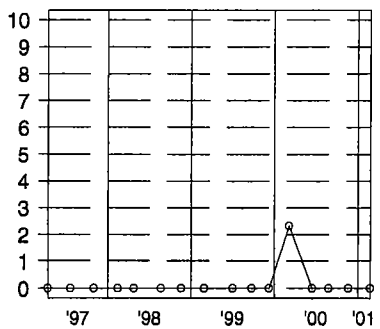
Tetrachloroethene
(ug/l)



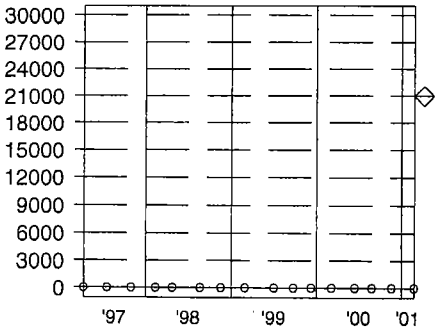
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 02/21/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	ND	ND	ND	ND	1.97	ND	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	1.59
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
11/18/1998	FMETL	ND	4.43	2.12	5.09	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
09/22/1999	FMETL	ND	1.09	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND

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04/08/1997 - 03/08/2001

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Page 1 of 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

Fort Monmouth

GW Monitoring
Streams

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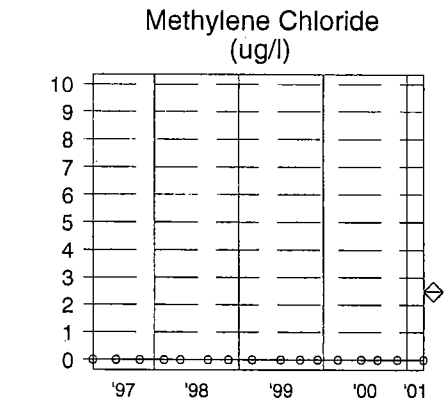
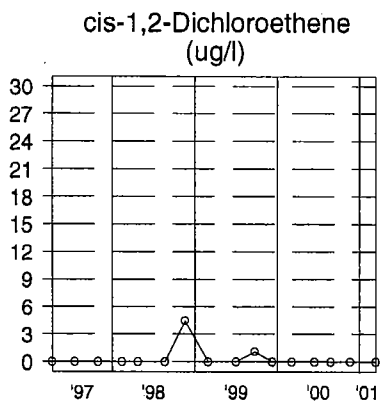
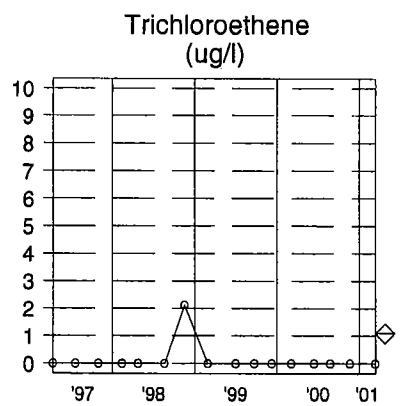
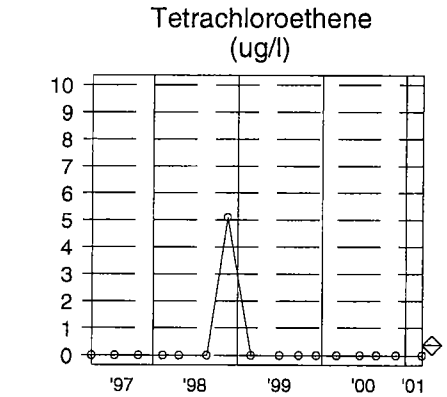
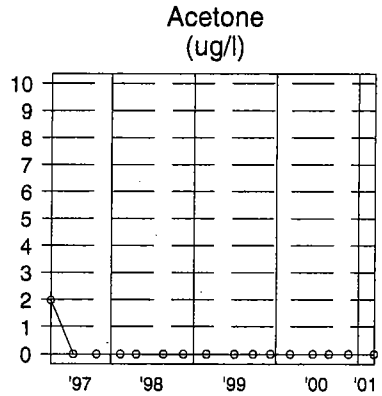
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

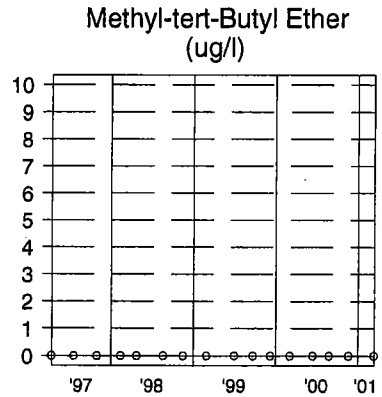


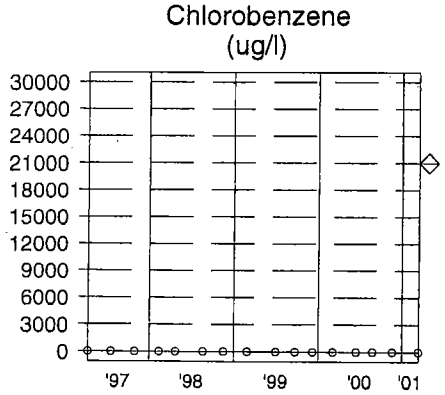












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04/08/1997 - 03/08/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
07/17/1997	FMETL	ND	1.06	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	5.87	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	14.36	ND	ND	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	4.65	ND	ND	ND	ND	ND
11/18/1998	FMETL	ND	3.18	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	3.95	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	1.47	ND	ND	ND	ND	ND
09/21/1999	FMETL	ND	4.67	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	4.90	ND	ND	ND	ND	ND
03/01/2000	FMETL	ND	5.57	ND	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	2.46	ND	ND	15.24	ND	ND
11/20/2000	FMETL	ND	1.80	ND	ND	ND	ND	ND
02/21/2001	FMETL	ND	4.10	ND	ND	ND	ND	ND

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Page 1 of 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

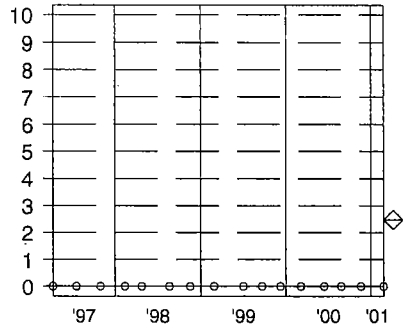
Fort Monmouth

GW Monitoring
Streams

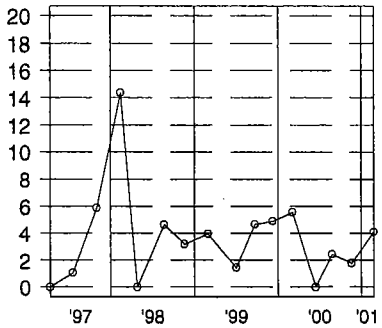
Source 13 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

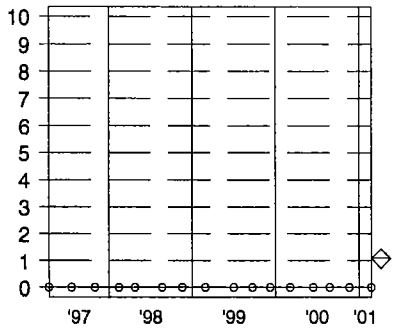
Methylene Chloride
(ug/l)



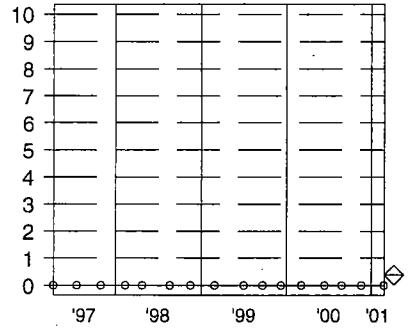
cis-1,2-Dichloroethene
(ug/l)



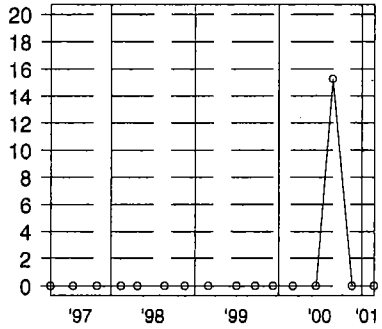
Trichloroethene
(ug/l)



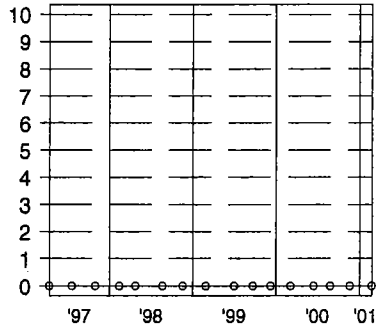
Tetrachloroethene
(ug/l)



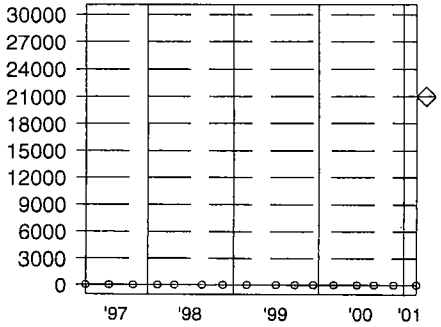
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	ND	6.44	ND	ND	ND	ND	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	4.69	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	8.22	ND	ND	ND	ND	ND
04/21/1998	FMETL	ND	6.86	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	2.95	ND	ND	ND	ND	ND
11/17/1998	FMETL	ND	2.3	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	2.30	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
09/21/1999	FMETL	ND	3.53	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	2.60	ND	ND	ND	ND	ND
03/01/2000	FMETL	ND	2.92	ND	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	2.07	ND	ND	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
02/21/2001	FMETL	ND	2.99	ND	ND	ND	ND	ND
02/21/2001D	FMETL	ND	3.87	ND	ND	ND	ND	ND

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Page 1 of 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

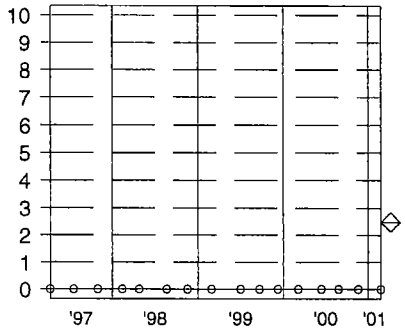
Fort Monmouth

GW Monitoring
Streams

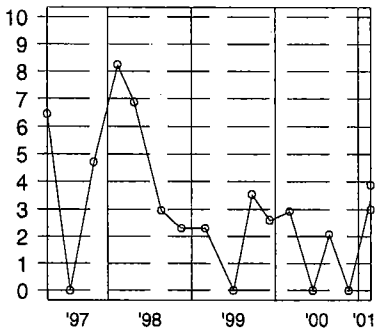
Source 14 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

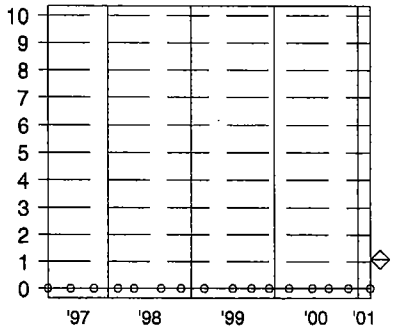
Methylene Chloride
(ug/l)



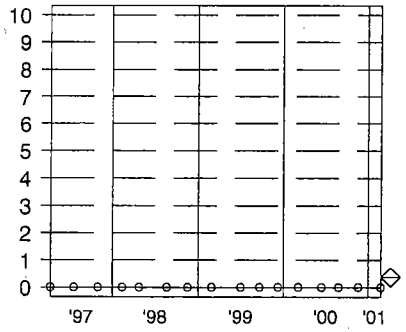
cis-1,2-Dichloroethene
(ug/l)



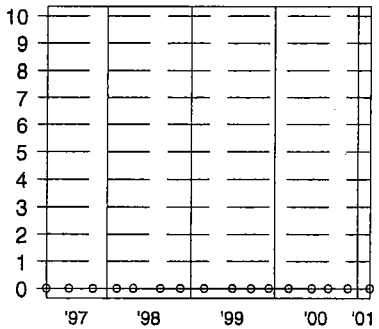
Trichloroethene
(ug/l)



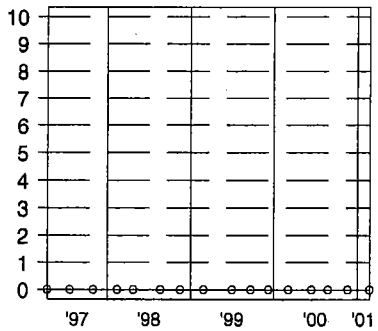
Tetrachloroethene
(ug/l)



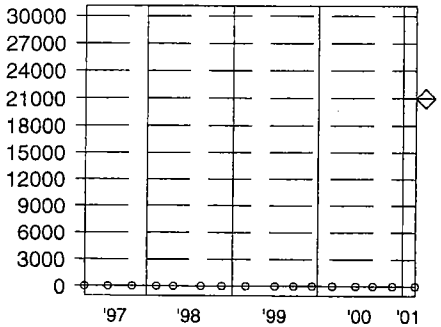
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 02/21/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND	2.63	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND	4.85	ND
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND	5.70	ND
09/21/1999	FMETL	ND	ND	ND	ND	ND	2.10	ND
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND	6.38	ND
08/24/2000	FMETL	ND	ND	ND	ND	ND	2.58	ND
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND

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Page 1 of 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

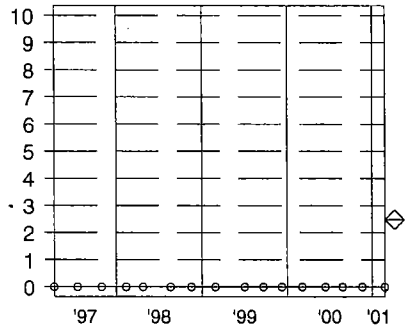
Fort Monmouth

GW Monitoring
Streams

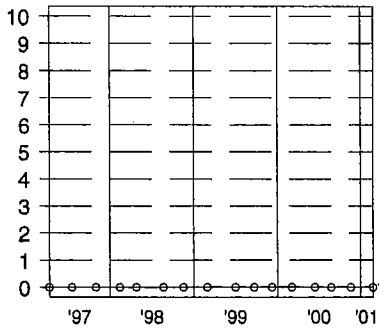
Source 15 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

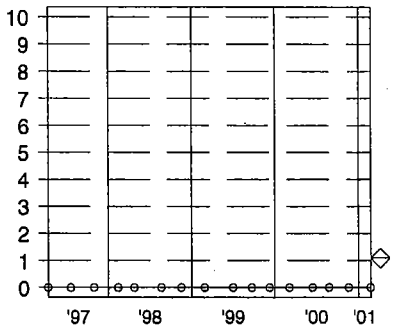
Methylene Chloride
(ug/l)



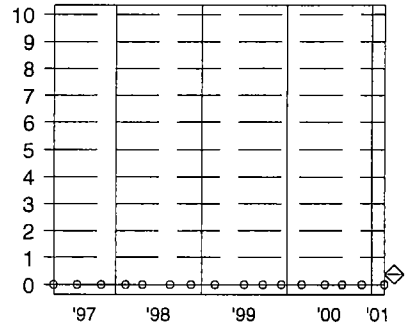
cis-1,2-Dichloroethene
(ug/l)



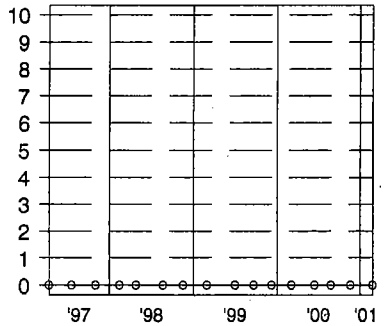
Trichloroethene
(ug/l)



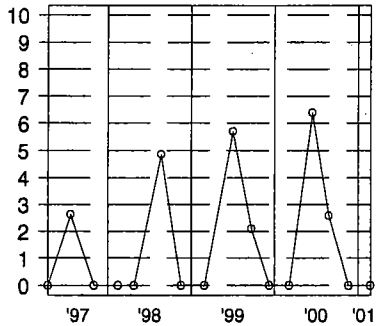
Tetrachloroethene
(ug/l)



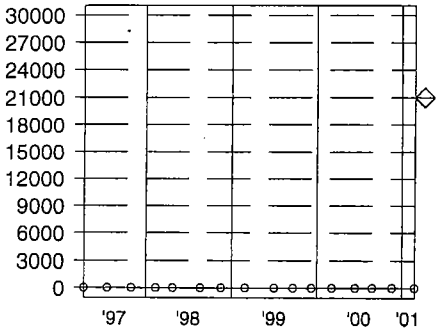
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND	2.90	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND	4.71	ND
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND	7.40	ND
09/21/1999	FMETL	ND	1.17	ND	ND	ND	2.24	ND
12/09/1999	FMETL	ND	ND	ND	ND	27.52	ND	ND
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	ND	ND	ND	4.56	2.67	ND
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND

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Page 1 of 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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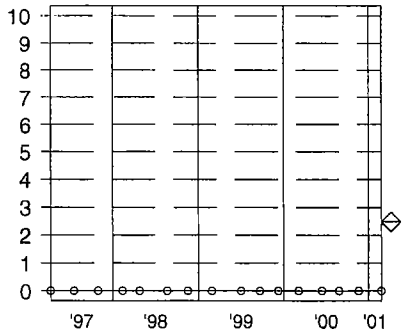
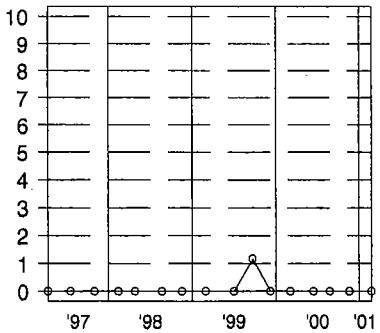
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

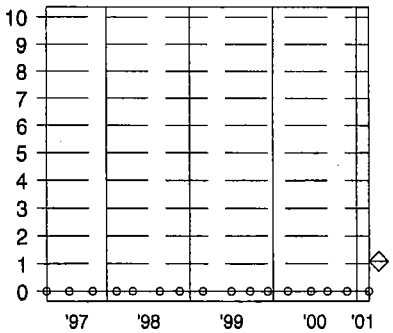
Methylene Chloride
(ug/l)



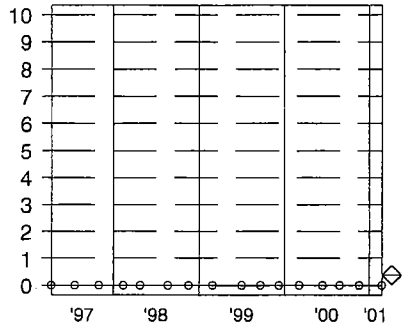
cis-1,2-Dichloroethene
(ug/l)



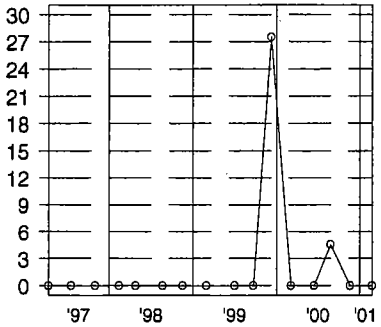
Trichloroethene
(ug/l)



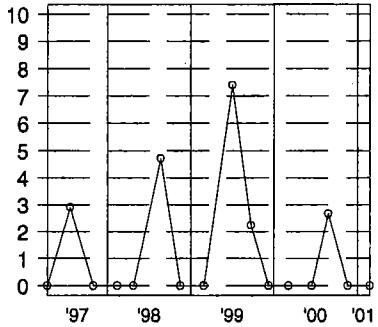
Tetrachloroethene
(ug/l)



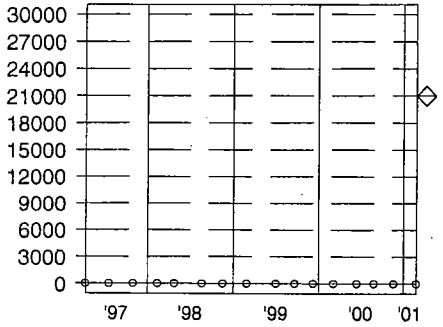
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND	4.26	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND	4.50	ND
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND	8.30	ND
09/21/1999	FMETL	ND	ND	ND	ND	ND	0.82	ND
12/09/1999	FMETL	ND	ND	ND	ND	32.77	ND	ND
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND	10.26	ND
06/12/2000D	FMETL	ND	ND	ND	ND	ND	10.66	ND
08/24/2000	FMETL	ND	ND	ND	ND	5.53	ND	ND
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND

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04/08/1997 - 02/21/2001

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Page 1 of 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

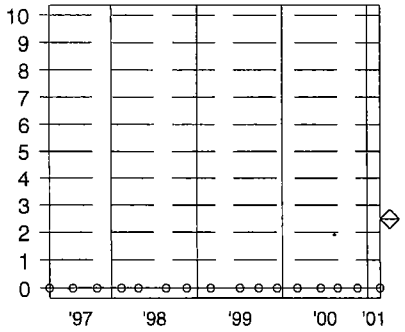
Fort Monmouth

GW Monitoring
Streams

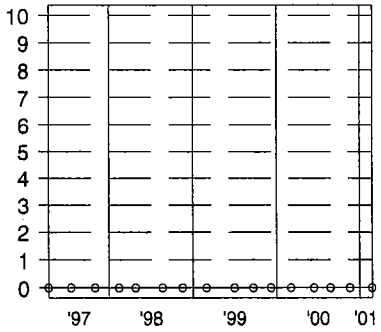
Source 17 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

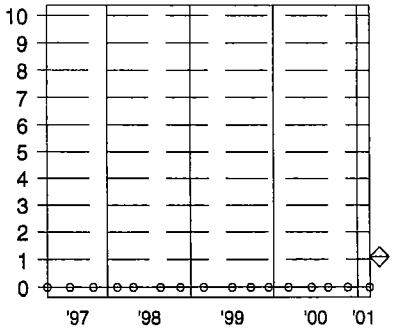
Methylene Chloride
(ug/l)



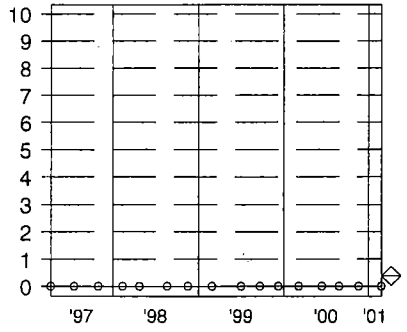
cis-1,2-Dichloroethene
(ug/l)



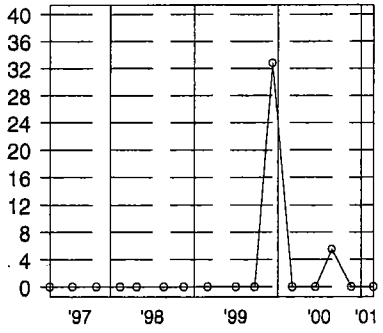
Trichloroethene
(ug/l)



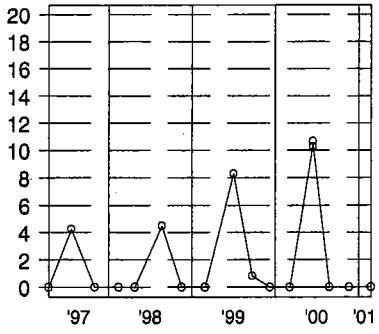
Tetrachloroethene
(ug/l)



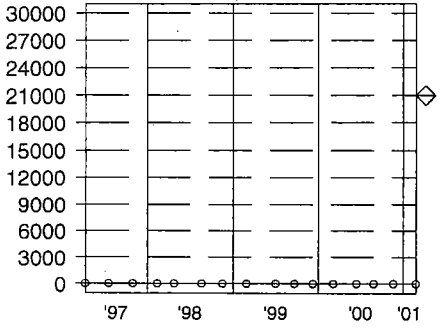
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 02/21/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
06/12/2000	FMETL	ND	ND	ND	5.60	ND	ND	ND
08/24/2000	FMETL	ND	2.24	1.82	5.18	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	6.29	ND	ND	ND
03/08/2001	FMETL	ND	ND	ND	4.78	ND	ND	ND

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06/12/2000 - 03/08/2001

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Page 1 of 1
Stream 23 is Fresh-Water

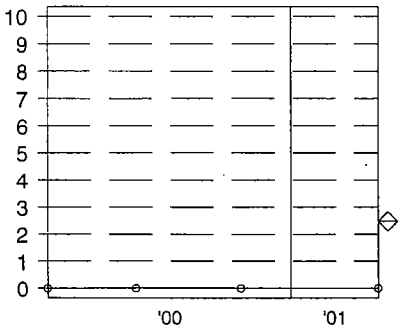
Fort Monmouth

GW Monitoring
Streams

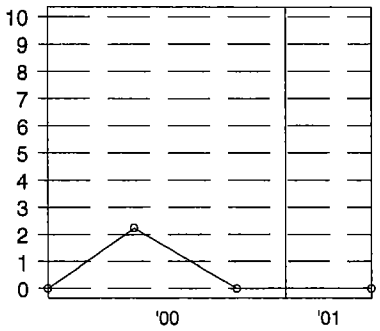
Source 18 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

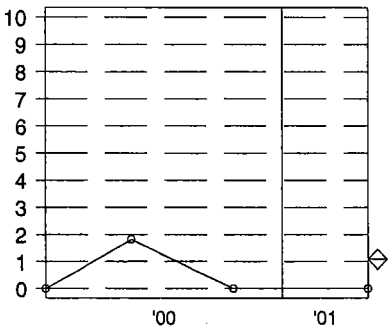
Methylene Chloride
(ug/l)



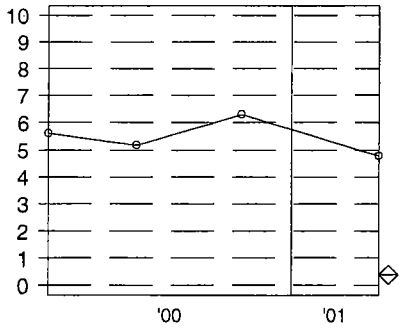
cis-1,2-Dichloroethene
(ug/l)



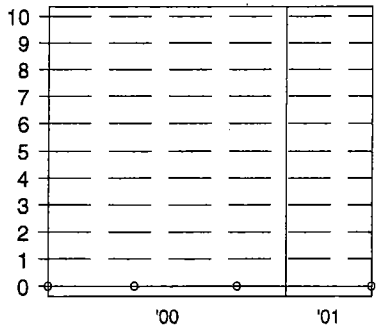
Trichloroethene
(ug/l)



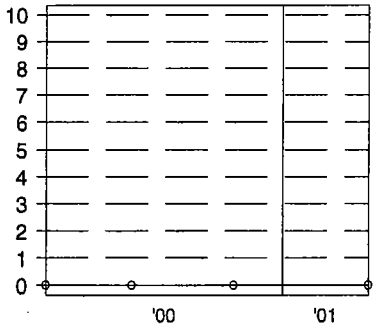
Tetrachloroethene
(ug/l)



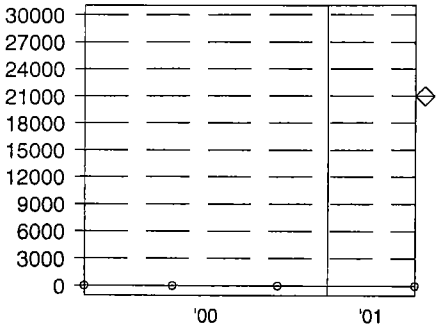
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 03/08/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
06/12/2000	FMETL	ND	ND	ND	4.72	ND	ND	ND
08/24/2000	FMETL	ND	1.54	1.41	4.33	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	4.41	ND	ND	ND
03/08/2001	FMETL	ND	ND	ND	4.76	ND	ND	ND

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06/12/2000 - 03/08/2001

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Page 1 of 2
Stream 24 is Fresh-Water

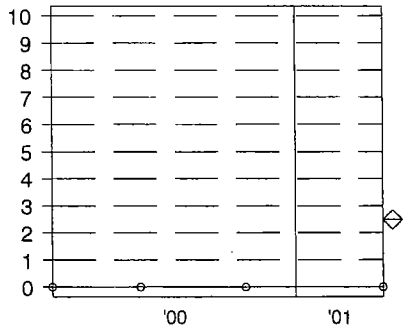
Fort Monmouth

GW Monitoring
Streams

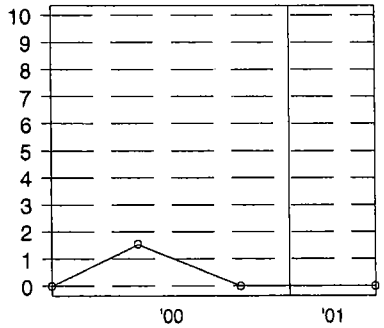
Source 19 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

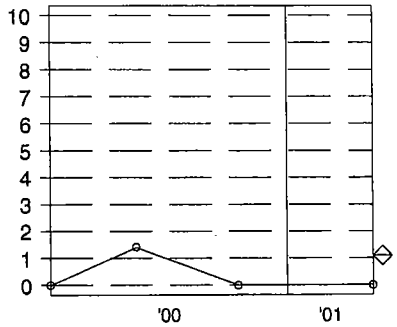
Methylene Chloride
(ug/l)



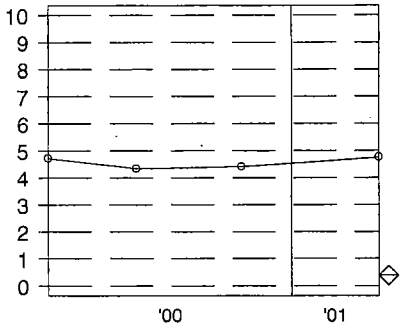
cis-1,2-Dichloroethene
(ug/l)



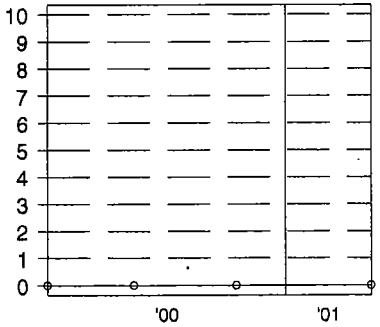
Trichloroethene
(ug/l)



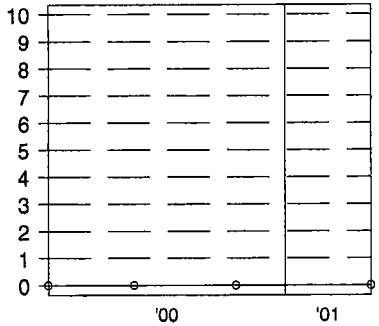
Tetrachloroethene
(ug/l)



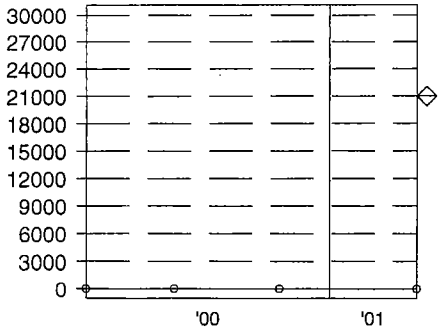
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 03/08/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND

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06/12/2000 - 03/08/2001

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Page 1 of 1
Stream 25 is Salt-Water.

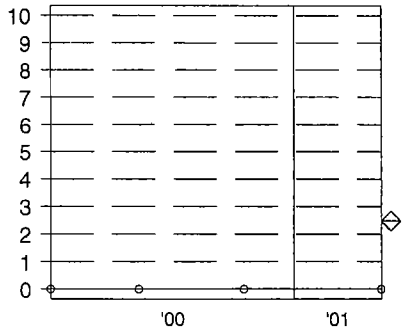
Fort Monmouth

GW Monitoring
Streams

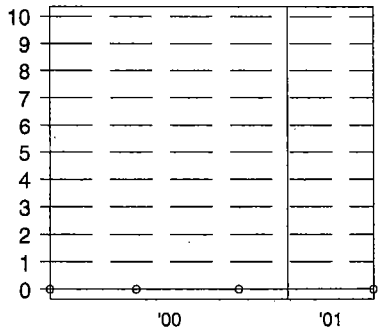
Source 20 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

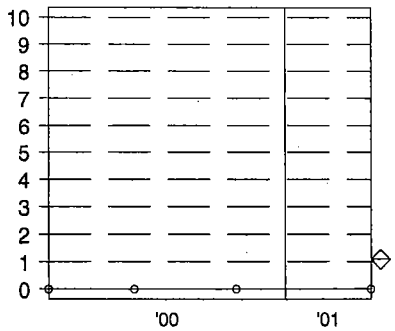
Methylene Chloride
(ug/l)



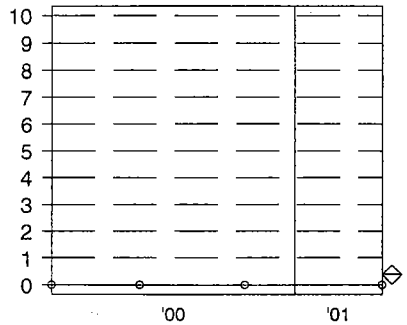
cis-1,2-Dichloroethene
(ug/l)



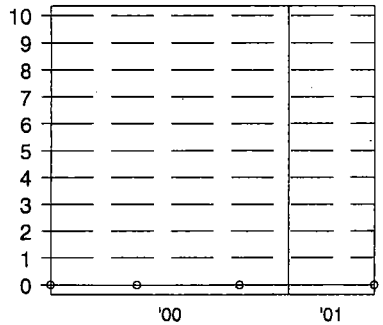
Trichloroethene
(ug/l)



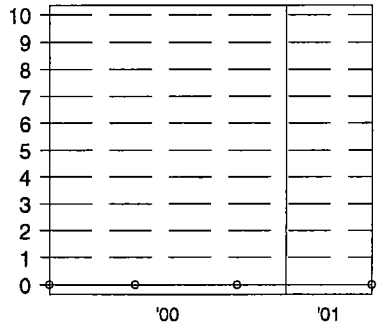
Tetrachloroethene
(ug/l)



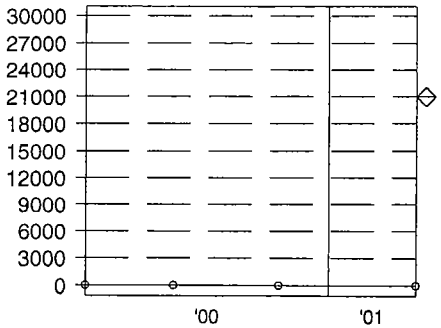
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 03/08/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND

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06/12/2000 - 03/08/2001

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Stream 26 is Fresh-Water

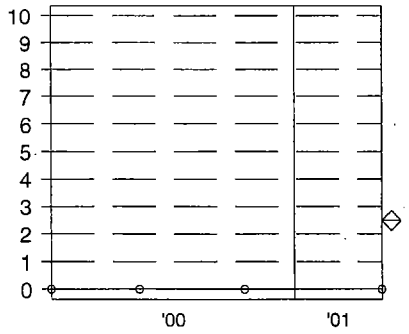
Fort Monmouth

GW Monitoring
Streams

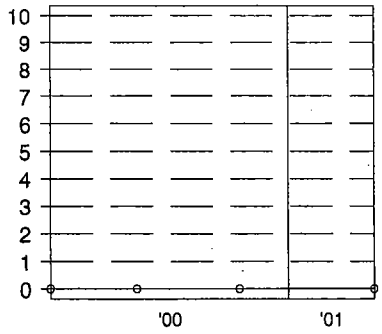
Source 21 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

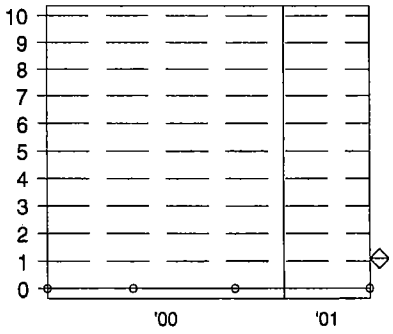
Methylene Chloride
(ug/l)



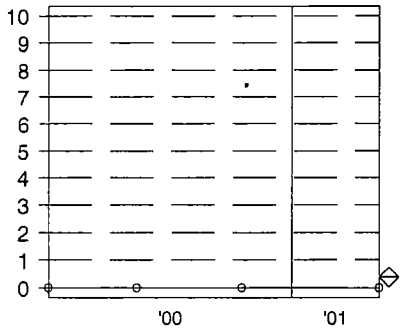
cis-1,2-Dichloroethene
(ug/l)



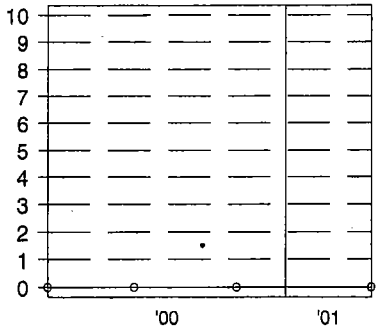
Trichloroethene
(ug/l)



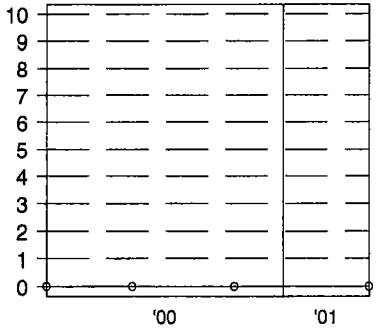
Tetrachloroethene
(ug/l)



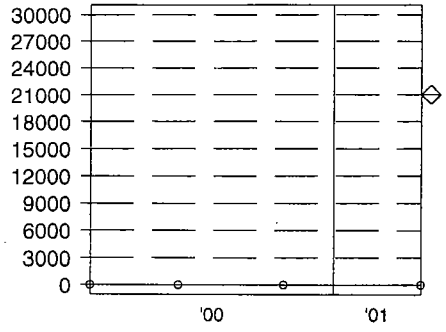
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 03/08/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	ND	ND	1.72	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	1.87	ND	ND	ND
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND

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06/12/2000 - 03/08/2001

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Stream 27 is Salt Water.

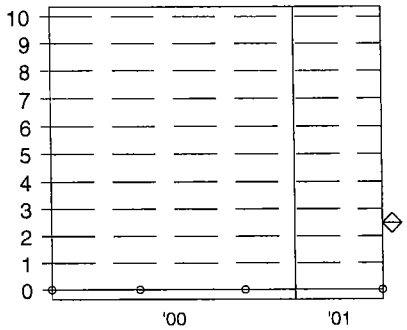
Fort Monmouth

GW Monitoring
Streams

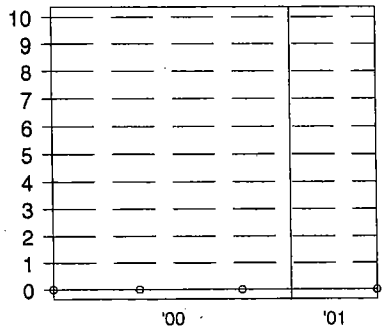
Source 22 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

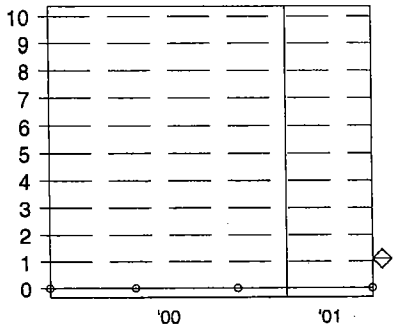
Methylene Chloride
(ug/l)



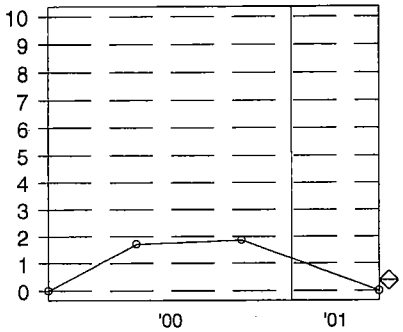
cis-1,2-Dichloroethene
(ug/l)



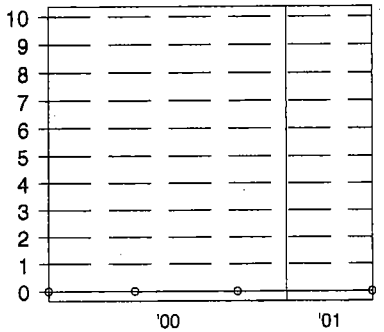
Trichloroethene
(ug/l)



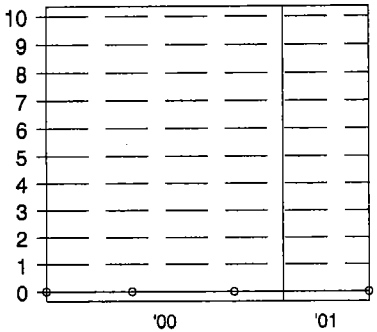
Tetrachloroethene
(ug/l)



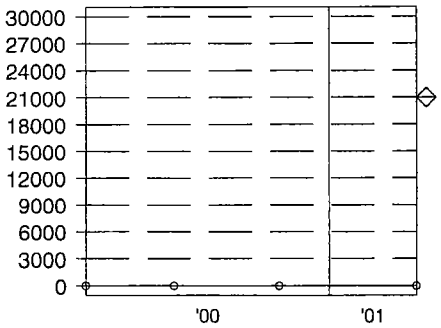
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 03/08/2001

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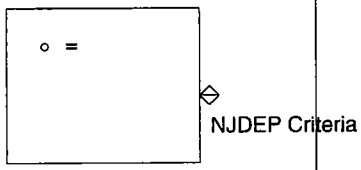

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-	21000
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND
08/24/2000	FMETL	ND	1.28	1.07	3.67	ND	ND	ND
11/20/2000	FMETL	ND	ND	ND	3.60	ND	ND	ND
03/08/2001	FMETL	ND	ND	ND	2.56	ND	ND	ND

: 28

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06/12/2000 - 03/08/2001

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Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

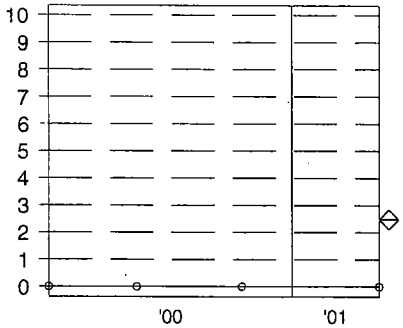
Fort Monmouth

GW Monitoring
Streams

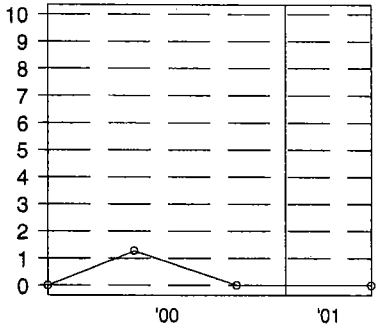
Source 23 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

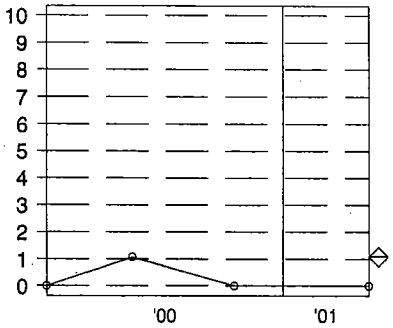
Methylene Chloride
(ug/l)



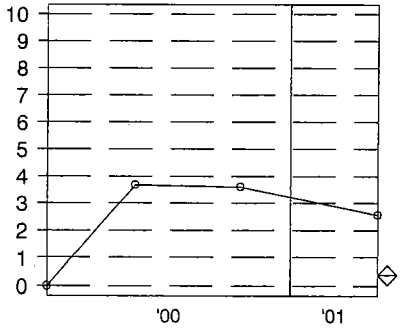
cis-1,2-Dichloroethene
(ug/l)



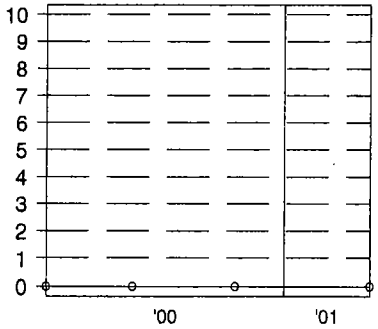
Trichloroethene
(ug/l)



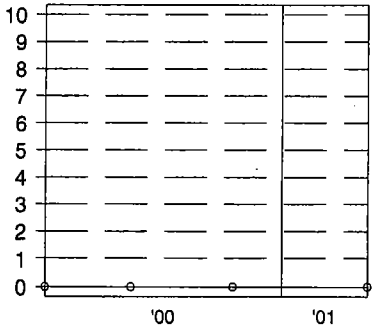
Tetrachloroethene
(ug/l)



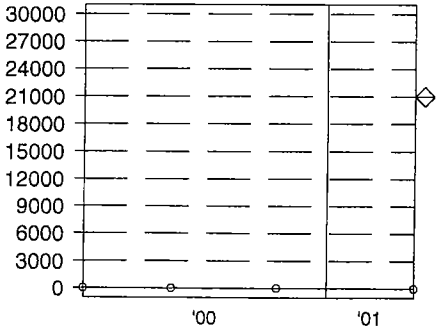
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 03/08/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-20-2001 x:\mtech46\fm\streams\gw\streams.wsf

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: 2nd QTR Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	16120.04	Aqueous	16-May-01 08:15	05/16/01
Stream Site #21	16120.05	Aqueous	16-May-01 08:23	05/16/01
Stream Site #20	16120.06	Aqueous	16-May-01 08:37	05/16/01
Stream Site #09	16120.07	Aqueous	16-May-01 08:43	05/16/01
Stream Site #19	16120.08	Aqueous	16-May-01 08:57	05/16/01
Stream Site #12	16120.09	Aqueous	16-May-01 09:19	05/16/01
Stream Site #18	16120.10	Aqueous	16-May-01 09:29	05/16/01
Stream Site #11	16120.11	Aqueous	16-May-01 09:37	05/16/01
Stream Site #15	16120.12	Aqueous	16-May-01 09:47	05/16/01
Stream Site #13	16120.13	Aqueous	16-May-01 12:10	05/16/01
Stream Site #16	16120.14	Aqueous	16-May-01 10:28	05/16/01
Stream Site #05	16120.15	Aqueous	16-May-01 11:16	05/16/01
Stream Site #04	16120.16	Aqueous	16-May-01 10:59	05/16/01
Stream Site #07	16120.17	Aqueous	16-May-01 10:54	05/16/01
Stream Site #17	16120.18	Aqueous	16-May-01 11:30	05/16/01
Stream Site #03	16120.19	Aqueous	16-May-01 11:42	05/16/01
Stream Site #14	16120.20	Aqueous	16-May-01 11:54	05/16/01
Stream Site #23	16120.21	Aqueous	16-May-01 10:00	05/16/01
Stream Site #24	16120.22	Aqueous	16-May-01 10:17	05/16/01
Stream Site #25	16120.23	Aqueous	16-May-01 11:22	05/16/01
Stream Site #26	16120.24	Aqueous	16-May-01 11:39	05/16/01
Stream Site #28	16120.25	Aqueous	16-May-01 11:08	05/16/01
Stream Site #27	16120.26	Aqueous	16-May-01 10:50	05/16/01

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, PCB's, WET CHEMISTRY

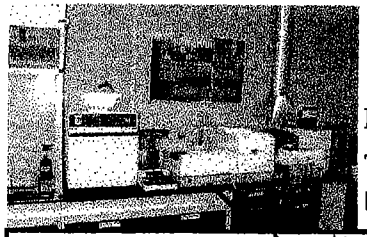
6-22-01

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

SAMPLING



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: X2 4223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: Streams
2nd Qtr 01

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL/H_2SO_4/4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOC's	NH_3/NO_3	PO_4/SO_4	Total Coli.	PCB's	pH (su)	Temp (°C)	Dsslvd O_2	Remarks / Preservation Method	
1601 20 . 01	Trip	5/16/01	0737	AQ	2	✓					—	—	—		
.02	Field Blank		0800		5	✓	✓	✓		✓	—	—	—	Salinity	
.03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	d 20/20	% 0
.04	stream site #22		0815		6	✓	✓	✓	✓	✓	7.28	17.3	7.41	1.014	19
.05	#21		0823			✓	✓	✓	✓	✓	7.25	17.4	7.84	1.014	19
.06	#20		0837			✓	✓	✓	✓	✓	7.58	17.4	7.85	1.014	19
.07	#09		0843			✓	✓	✓	✓	✓	7.49	16.1	7.99	1.001	1
.08	#19		0857			✓	✓	✓	✓	✓	7.78	16.7	8.10	1.000	0
.09	#12 *		0919			✓	✓	✓	✓	✓	8.05	17.0	7.91	1.000	0
.10	#18		0929			✓	✓	✓	✓	✓	8.04	17.1	7.84	1.000	0
.11	#11		0937			✓	✓	✓	✓	✓	7.89	13.6	7.77	1.000	0
.12	#15		0947			✓	✓	✓	✓	✓	7.84	16.0	7.01	1.000	0
.13	#13		~~1000~~ 1210			✓	✓	✓	✓	✓	~~7.77~~ 8.02	~~16.7~~ 17.1	7.23	1.000	0
.14	#16		1028			✓	✓	✓	✓	✓	7.77	16.7	7.19	1.000	0

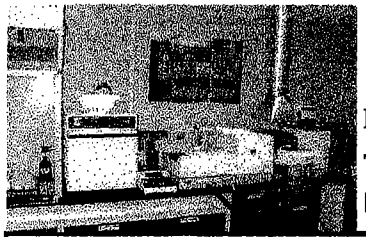
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	5/16/01 1200	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:
Tide: H → 0

print legibly

Coc.xls4/18/01



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: X216223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: Streams
2nd Qtr '01

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters: NO3 +NO2, NH3, PO4, SO4, Total Coli, PCB's, pH (SU), Temp (°C), Dissolved O2

Comments: HCL/H2SO4/ <4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	NO3+NO2	NH3	PO4	SO4	Total Coli	PCB's	pH (SU)	Temp (°C)	Dissolved O2	Remarks / Preservation Method	
16120 .15	Stream Site #5	5/16/01	1116	AQ	6	✓	✓	✓	✓	✓	✓	7.67	18.6	7.41	1.000	0
.16	#4		1059			✓	✓	✓	✓	✓	✓	7.36	16.9	7.87	1.000	1
.17	#7		1054			✓	✓	✓	✓	✓	✓	7.34	16.7	7.77	1.001	2
.18	#17		1130			✓	✓	✓	✓	✓	✓	7.65	17.7	7.62	1.000	0
.19	#3		1142			✓	✓	✓	✓	✓	✓	7.90	14.7	7.74	1.000	~~1.000~~ 0
.20	#14		1154			✓	✓	✓	✓	✓	✓	7.87	14.9	7.64	1.000	0
.21	#23		1000			✓	✓	✓	✓	✓	✓	7.83	16.0	7.71	1.000	0
.22	#24		1017			✓	✓	✓	✓	✓	✓	7.82	16.6	7.84	1.000	0
.23	#25		1122			✓	✓	✓	✓	✓	✓	7.60	17.4	8.02	1.000	0
.24	#26		1139			✓	✓	✓	✓	✓	✓	7.64	17.2	7.11	1.000	0
.25	#28		1108			✓	✓	✓	✓	✓	✓	7.39	17.1	7.29	1.000	2
.26	#27	↓	1050	↓	↓	✓	✓	✓	✓	✓	✓	7.29	17.2	7.59	1.002	3

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	5/16/01 1300	[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, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tidal H→O

print legibly

Coc.xls4/18/01

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	**:**	**Method Detection Limit**
J	**:**	**Compound identified below detection limit**
B	**:**	**Compound found in blank**
D	**:**	**Results are from a dilution of the sample**
U	**:**	**Compound searched for but not detected**
E	**:**	**Compound exceeds calibration limit**
PQL	**:**	**Practical Quantitation Limit**
NLE	**:**	**No limit established**
RT	**:**	**Retention time**

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005750.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

5/30/01 11:08 AM

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005750.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

5/30/01 11:09 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 1811**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: MB

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005750.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005751.D**	Sample Name	**1612001**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.18	101948	1.67 ug/L	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

5/30/01 11:08 AM

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005751.D**	Sample Name	**1612001**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.18	101948	1.67 ug/L	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612001

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005751.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005752.D**	Sample Name	**1612002**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005752.D**	Sample Name	**1612002**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612002

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005752.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005753.D**	Sample Name	**1612003**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	144775	1.72 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005753.D**	Sample Name	**1612003**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	144775	1.72 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612003

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005753.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005754.D**	Sample Name	**1612004**
Operator	**Skelton**	Field ID	**StreamSite#22**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#22**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612004

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005754.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005755.D**	Sample Name	**1612005**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#21**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612005

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005755.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005756.D**	Sample Name	**1612006**
Operator	**Skelton**	Field ID	**StreamSite#20**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

5/30/01 11:10 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#20**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612006

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005756.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005757.D**	Sample Name	**1612007**
Operator	**Skelton**	Field ID	**StreamSite#09**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#09**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612007

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005757.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005758.D**	Sample Name	**1612008**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	131498	1.57 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

5/30/01 11:10 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#19**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612008

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005758.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005759.D**	Sample Name	**1612009**
Operator	**Skelton**	Field ID	**StreamSite#12**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	140012	1.66 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#12**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1612009

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005759.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005760.D**	Sample Name	**1612010**
Operator	**Skelton**	Field ID	**StreamSite#18**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	120625	1.45 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#18**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612010

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005760.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005761.D**	Sample Name	**1612011**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	438430	5.21 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

5/30/01 11:09 AM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#11**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612011

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005761.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005762.D**	Sample Name	**1612012**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	123742	1.50 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	283600	6.64 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#15**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612012

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005762.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005763.D**	Sample Name	**1612013**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#13**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612013

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005763.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005764.D**	Sample Name	**1612014**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.75	101096	1.23 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	209445	4.91 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#16**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612014

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005764.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005765.D**	Sample Name	**1612015**
Operator	**Skelton**	Field ID	**StreamSite#05**
Date Aquired	**17-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.73	78536	0.97 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	169173	4.09 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#05**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612015

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005765.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005766.D**	Sample Name	**1612016**
Operator	**Skelton**	Field ID	**StreamSite#04**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.28	124055	2.95 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#04**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612016

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005766.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005767.D**	Sample Name	**1612017**
Operator	**Skelton**	Field ID	**StreamSite#07**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#07**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612017

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005767.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005768.D**	Sample Name	**1612018**
Operator	**Skelton**	Field ID	**StreamSite#17**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#17**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612018

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005768.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005769.D**	Sample Name	**1612019**
Operator	**Skelton**	Field ID	**StreamSite#03**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#03**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612019

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005769.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005770.D**	Sample Name	**1612020**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#14**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612020

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005770.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005771.D**	Sample Name	**1612021**
Operator	**Skelton**	Field ID	**StreamSite#23**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	142516	1.73 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	268842	6.41 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

5/30/01 11:10 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#23**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612021

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005771.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005772.D**	Sample Name	**1612022**
Operator	**Skelton**	Field ID	**StreamSite#24**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	111358	1.37 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	214765	5.12 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#24**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612022

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005772.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005773.D**	Sample Name	**1612023**
Operator	**Skelton**	Field ID	**StreamSite#25**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#25**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612023

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005773.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005774.D**	Sample Name	**1612024**
Operator	**Skelton**	Field ID	**StreamSite#26**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#26**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612024

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005774.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005775.D**	Sample Name	**1612025**
Operator	**Skelton**	Field ID	**StreamSite#28**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	114258	2.77 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#28**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612025

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005775.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC005776.D**	Sample Name	**1612026**
Operator	**Skelton**	Field ID	**StreamSite#27**
Date Aquired	**18-May-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#27**

Lab Name: FMETL NJDEP#: 13461

Project: SS 2ndQtr Case No.: 16120 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1612026

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC005776.D

Level: (low/med) LOW Date Received: 5/16/01

% Moisture: not dec. _____ Date Analyzed: 5/18/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

PCB's

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB-1809
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/17/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/01
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB-1814
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/18/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/01
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB-1819
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/21/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/01
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/17/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/17/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/17/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #22
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/17/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #21
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/17/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #20
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/17/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/18/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #19
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

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U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/18/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #12
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/18/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #18
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/18/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.12
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/18/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #15
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.13
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/18/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #13
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.14
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/18/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #16
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.15
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/18/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #5
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.16
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/18/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #4
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.17
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/18/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #7
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.18
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/18/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #17
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.19
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/18/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #3
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.20
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/18/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #14
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.21
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/18/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.22
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/21/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #24
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.23
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/21/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #25
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	ND
Arochlor 1221	1		0.50	0.1593	ND
Arochlor 1232	1		0.50	0.0650	ND
Arochlor 1242	1		0.50	0.1047	ND
Arochlor 1248	1		0.50	0.0629	ND
Arochlor 1254	1		0.50	0.0742	ND
Arochlor 1260	1		0.50	0.0782	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.24
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/21/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #26
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.25
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/21/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #28
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	16120.26
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/16/01
	Bldg. 173	**Extraction Date:**	5/21/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/01
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #27
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

WET CHEMISTRY

Stream Water Analysis
May 2001

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)
16120.02	5/16/01	FB	---	ND	0.9	ND	ND	---	---	---
16120.03	5/16/01	Dupe	---	ND	0.4	ND	24	---	1140	100
16120.04	5/16/01	22	7.28	ND	0.4	0.30	1850	7.91	100	0
16120.05	5/16/01	21	7.28	ND	0.3	0.25	1900	7.84	20	20
16120.06	5/16/01	20	7.58	ND	0.8	0.23	1900	7.85	200	260
16120.07	5/16/01	09	7.49	ND	0.6	0.07	95	7.99	1480	220
16120.08	5/16/01	19	7.78	ND	0.5	ND	25	8.10	1880	60
16120.09	5/16/01	12	8.05	ND	0.3	0.14	24	7.91	1160	20
16120.10	5/16/01	18	8.04	ND	1.5	ND	27	7.84	1400	100
16120.11	5/16/01	11	7.99	ND	1.7	0.11	26	7.77	540	160
16120.12	5/16/01	15	7.84	0.11	1.1	ND	33	7.01	3900	280
16120.13	5/16/01	13	8.02	ND	0.3	ND	33	7.23	3240	180
16120.14	5/16/01	16	7.77	0.290	0.7	0.12	33	7.19	4400	160
16120.15	5/16/01	5	7.67	0.241	0.5	0.19	53	7.91	2840	180
16120.16	5/16/01	4	7.36	0.301	0.8	0.12	130	7.87	3600	180
16120.17	5/16/01	7	7.34	0.252	0.2	0.12	200	7.77	2240	520
16120.18	5/16/01	17	7.65	0.689	0.4	0.21	42	7.62	2720	480
16120.19	5/16/01	3	7.90	0.508	1.0	0.17	29	7.74	2560	1660
16120.20	5/16/01	14	7.87	0.479	1.8	0.23	30	7.64	2120	1600
16120.21	5/16/01	23	7.83	0.128	0.7	0.24	35	7.71	4200	340
16120.22	5/16/01	24	7.82	0.229	0.2	0.13	32	7.89	3400	240
16120.23	5/16/01	25	7.60	0.548	0.5	0.20	40	8.02	1800	320
16120.24	5/16/01	26	7.64	0.588	0.5	0.22	40	7.11	2280	300
16120.25	5/16/01	28	7.39	0.335	0.2	0.18	120	7.29	3720	200
16120.26	5/16/01	27	7.29	0.264	0.2	0.14	240	7.59	2800	300

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed: 5/24/01
Reviewed: 5/24/01

Daniel K. Wright

Laboratory Director

LTM

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	2.00	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	1.09	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 05/16/2001

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Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

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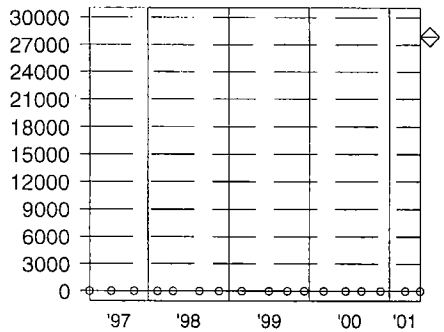
Fort Monmouth

GW Monitoring
Streams

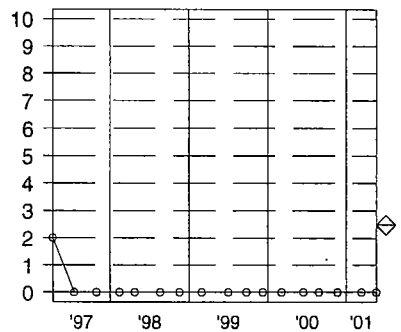
Source 1 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

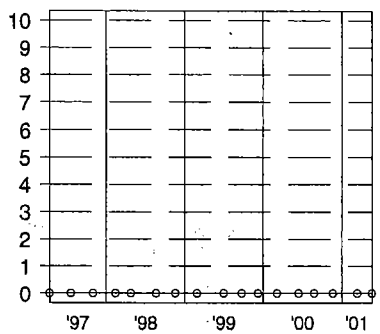
Ethylbenzene
(ug/l)



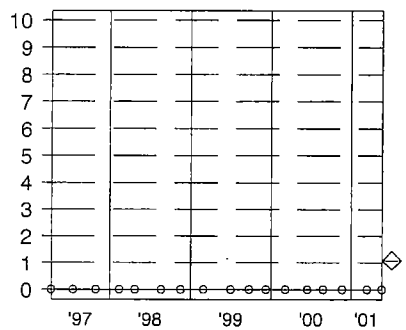
Methylene Chloride
(ug/l)



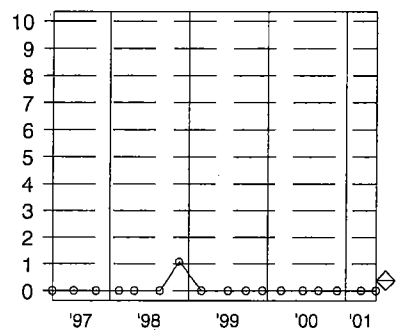
cis-1,2-Dichloroethene
(ug/l)



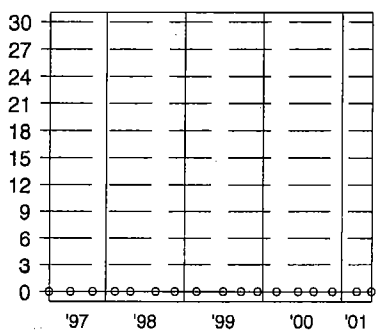
Trichloroethene
(ug/l)



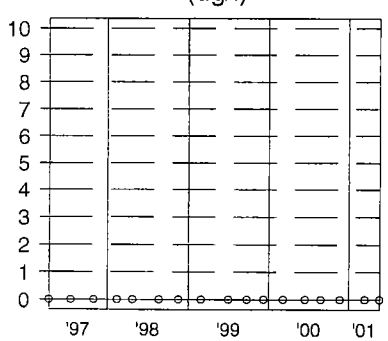
Tetrachloroethene
(ug/l)



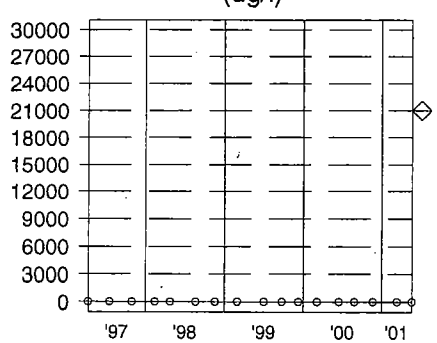
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-30-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	2.18	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	1.63	ND	1.61	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	1.24	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	6.61	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	4.42	ND	ND	ND		
08/19/1998	FMETL	ND	ND	1.92	1.10	2.85	ND	ND	ND		
11/17/1998	FMETL	ND	ND	1.19	ND	1.62	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	5.61	ND	ND	ND		
06/29/1999	FMETL	ND	ND	2.41	1.56	5.27	ND	ND	ND		
09/22/1999	FMETL	ND	ND	2.02	ND	1.85	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.23	1.26	6.18	ND	2.18	ND		
06/12/2000	FMETL	ND	ND	ND	ND	4.37	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.19	1.19	3.19	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	3.70	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	2.52	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	2.95	ND	ND	ND		-

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04/08/1997 - 05/16/2001

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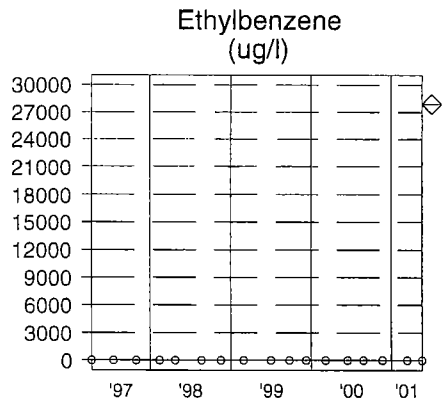
PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit is NLE
TCE limit is 81
PCE limit is 4.29

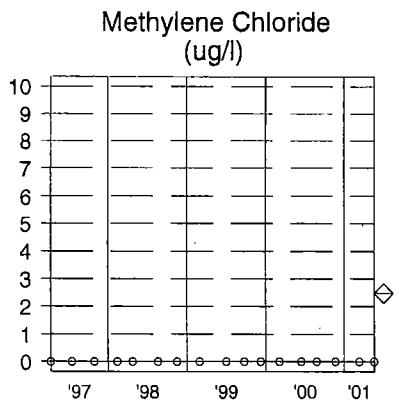
Fort Monmouth

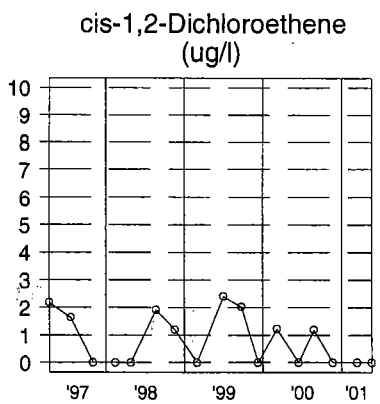
GW Monitoring
Streams

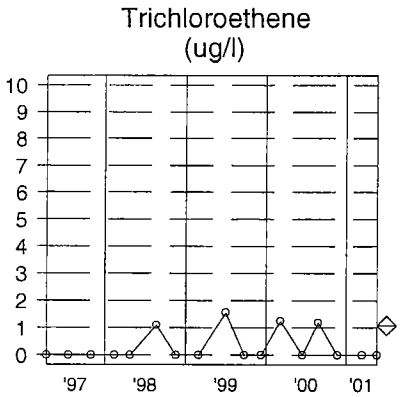
Source 2 of 23

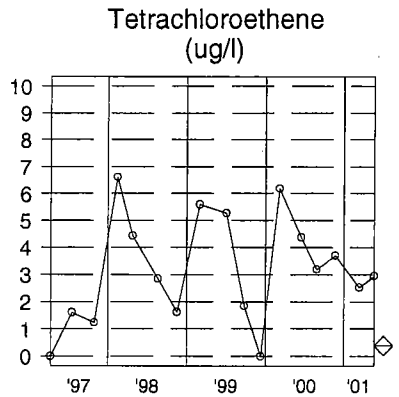
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

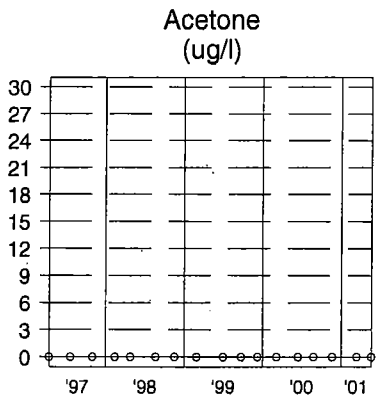


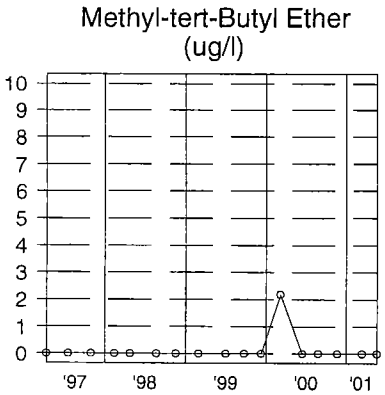


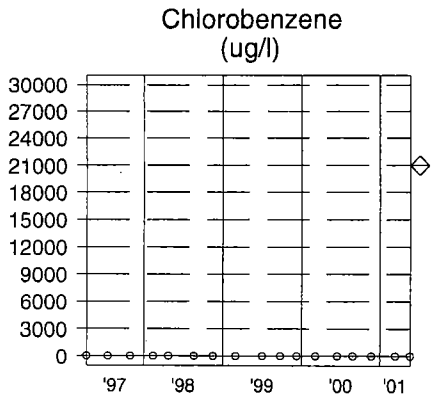












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04/08/1997 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	1.96	1.80	ND	2.28	ND	ND	ND		
07/17/1997	FMETL	ND	ND	3.66	ND	3.54	ND	ND	ND		
10/30/1997	FMETL	ND	ND	1.83	ND	1.70	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	6.34	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	4.48	ND	ND	ND		
08/19/1998	FMETL	ND	ND	2.28	1.27	3.39	ND	ND	ND		
11/17/1998	FMETL	ND	ND	1.67	ND	2.17	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	5.45	ND	ND	ND		
06/29/1999	FMETL	ND	ND	2.74	1.74	6.04	ND	ND	ND		
09/22/1999	FMETL	ND	ND	1.96	ND	1.82	ND	ND	ND		
12/09/1999	FMETL	ND	ND	1.60	ND	3.82	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.27	1.36	6.62	ND	2.34	ND		
06/12/2000	FMETL	ND	ND	ND	ND	4.38	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.19	ND	3.44	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	3.58	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	0.97	ND	4.09	ND	ND	ND		-

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04/08/1997 - 05/16/2001

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Page 1 of 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

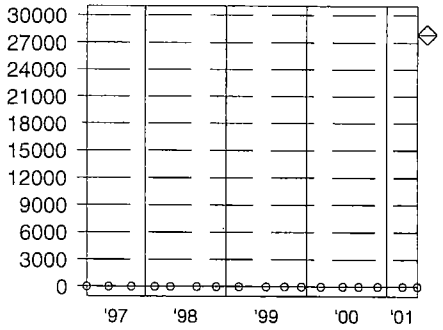
Fort Monmouth

GW Monitoring
Streams

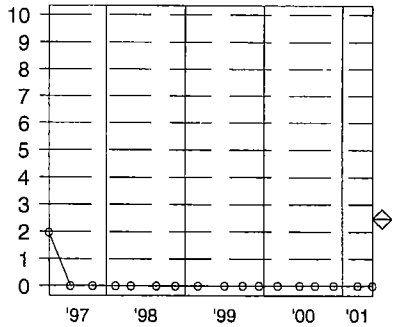
Source 3 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

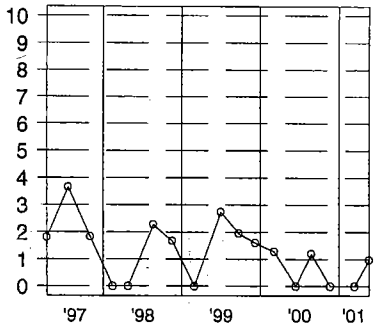
Ethylbenzene
(ug/l)



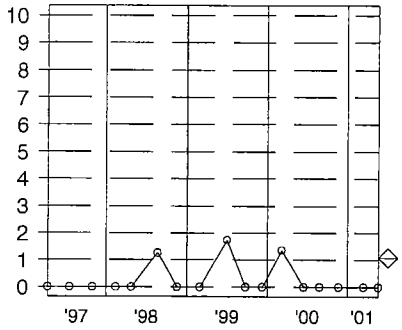
Methylene Chloride
(ug/l)



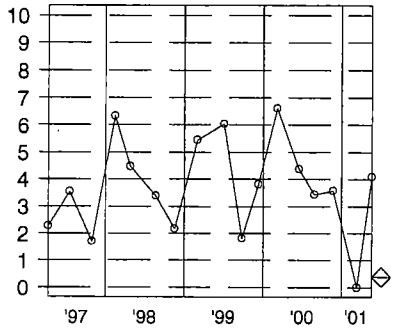
cis-1,2-Dichloroethene
(ug/l)



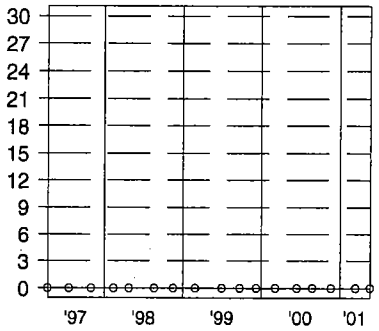
Trichloroethene
(ug/l)



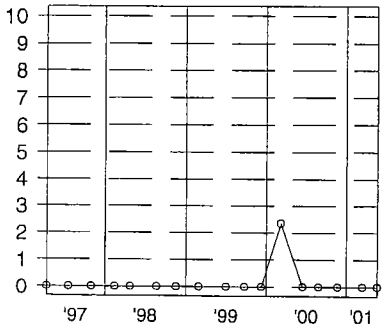
Tetrachloroethene
(ug/l)



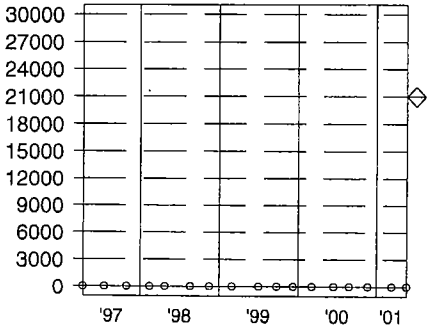
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-30-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	1.14	ND	1.08	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	2.04	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	2.40	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	2.85	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	1.42	2.94	2.00	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.19	1.30	6.47	ND	2.14	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	1.77	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	1.94	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 05/16/2001

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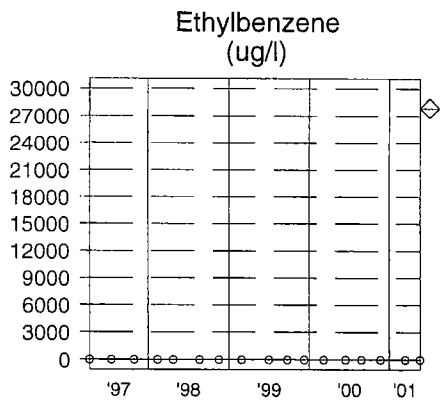
Page 1 of 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

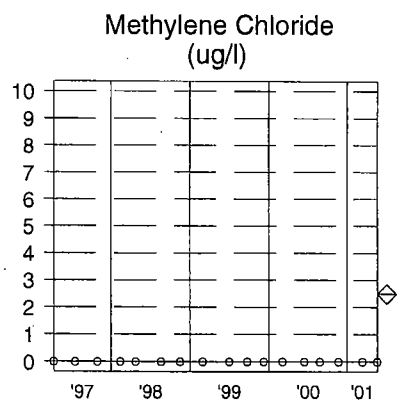
Fort Monmouth

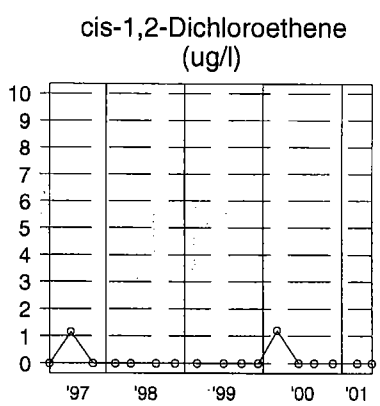
GW Monitoring
Streams

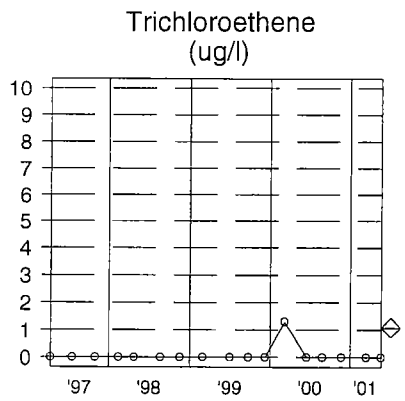
Source 4 of 23

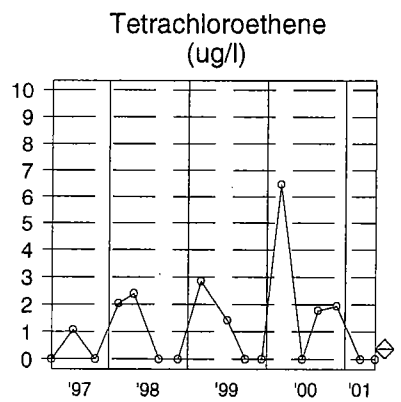
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

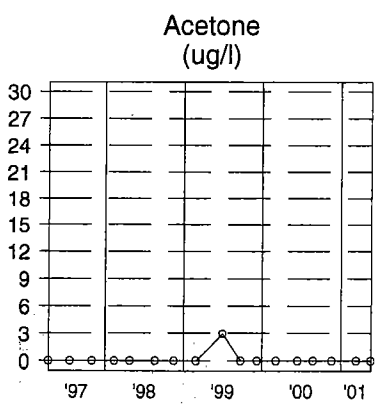


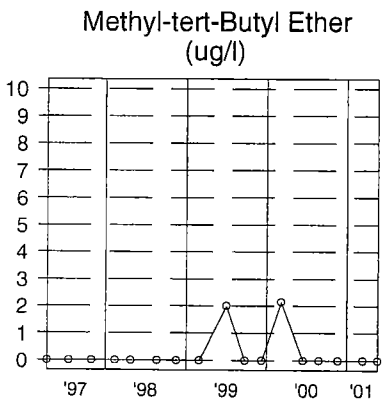


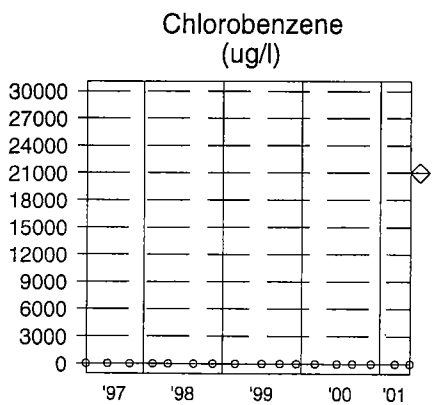












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04/08/1997 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-30-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	1.82	2.78	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	2.14	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	6.00	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	4.73	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	1.69	ND	ND	ND	ND	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	1.78	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	2.50	ND	ND		
09/21/1999	FMETL	ND	ND	1.91	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	25.08	ND	ND		
03/01/2000	FMETL	ND	ND	2.17	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.11	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/20/2000D	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	1.72	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 05/16/2001

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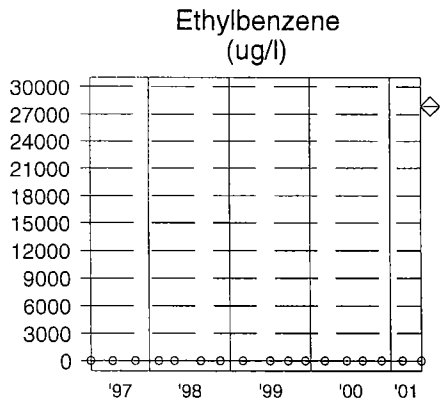
PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

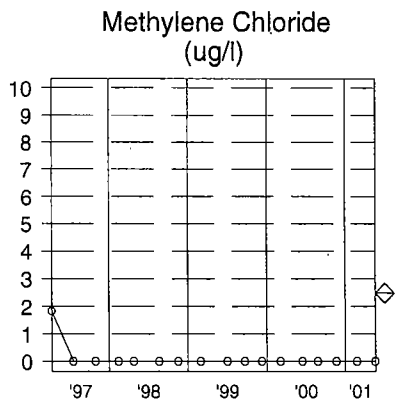
Fort Monmouth

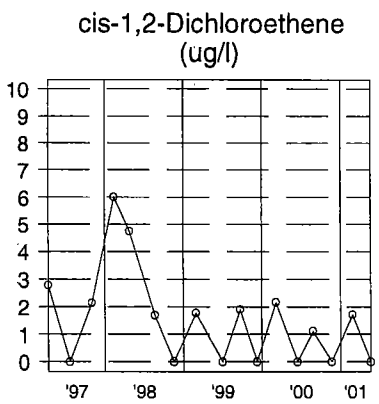
GW Monitoring
Streams

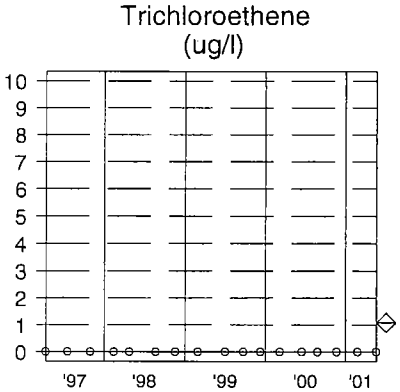
Source 5 of 23

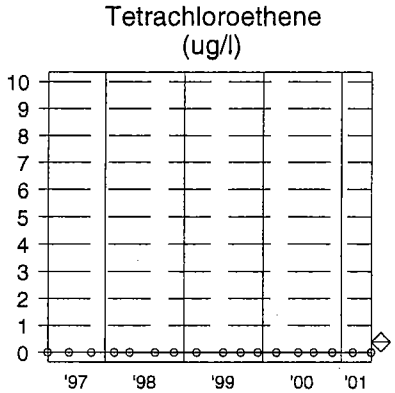
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

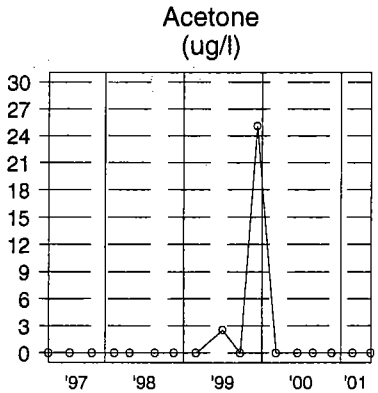


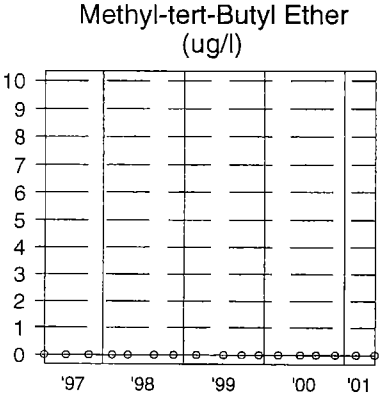


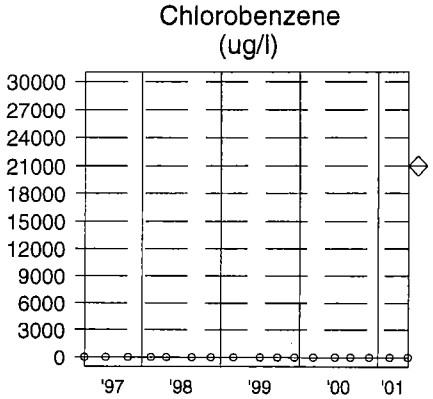












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04/08/1997 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-30-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	18.72	1.58	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	14.13	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	18.23	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	24.71	2.14	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	21.66	1.82	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	11.73	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	8.82	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	9.11	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	5.77	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	15.62	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	11.90	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	11.01	ND	ND	ND	1.64	ND		
06/12/2000	FMETL	ND	ND	8.03	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	9.08	ND	ND	ND	ND	ND		
08/24/2000D	FMETL	ND	ND	8.70	ND	ND	6.22	ND	ND		
11/20/2000	FMETL	ND	ND	5.34	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	8.26	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	5.21	ND	ND	ND	ND	ND		-

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04/08/1997 - 05/16/2001

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Page 1 of1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

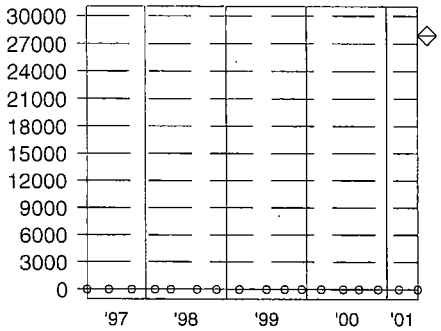
Fort Monmouth

GW Monitoring
Streams

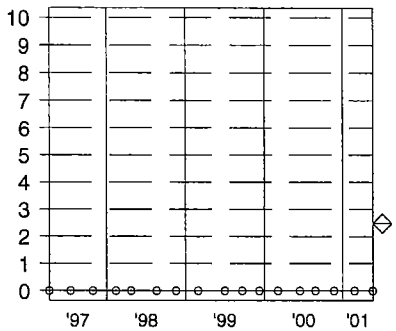
Source 6 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

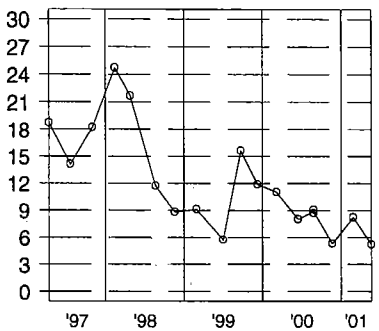
Ethylbenzene
(ug/l)



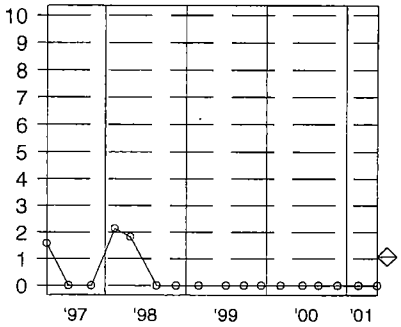
Methylene Chloride
(ug/l)



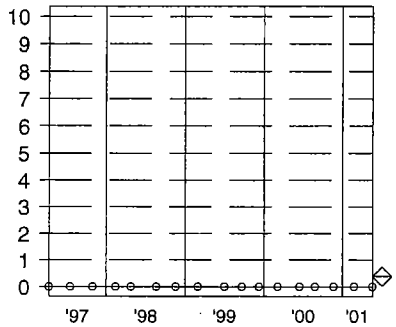
cis-1,2-Dichloroethene
(ug/l)



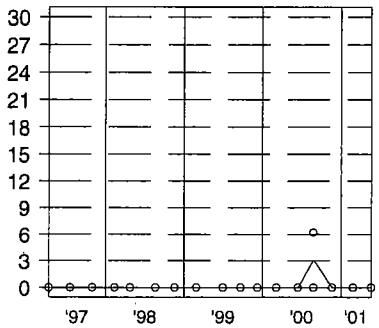
Trichloroethene
(ug/l)



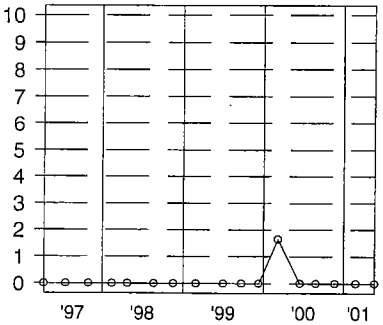
Tetrachloroethene
(ug/l)



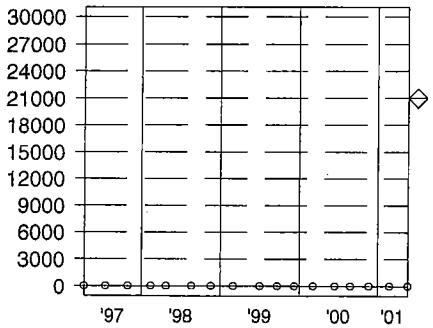
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	6.63	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	5.67	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	6.54	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	4.58	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	2.48	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	1.80	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	1.39	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	3.67	ND	ND	9.54	ND	ND		
12/09/1999	FMETL	ND	ND	2.74	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	3.13	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.00	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	1.87	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	1.89	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.66	ND	ND	ND	ND	ND		-
05/16/2001D	FMETL	ND	ND	1.72	ND	ND	ND	ND	ND		-

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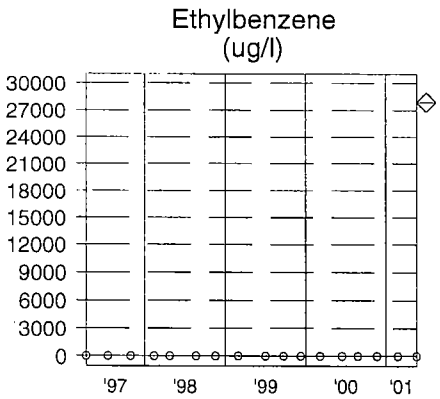
Page 1 of 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

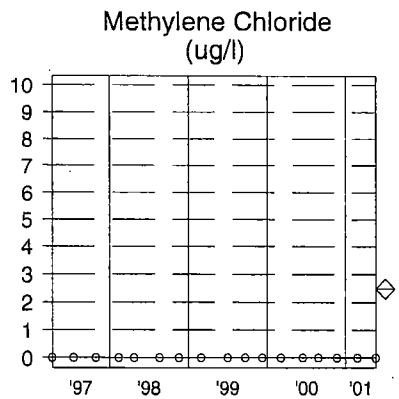
Fort Monmouth

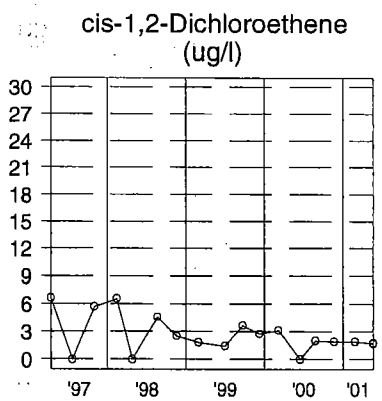
GW Monitoring
Streams

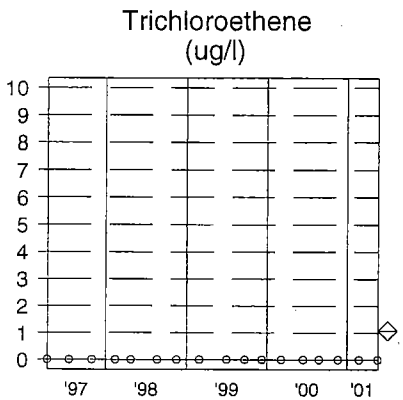
Source 7 of 23

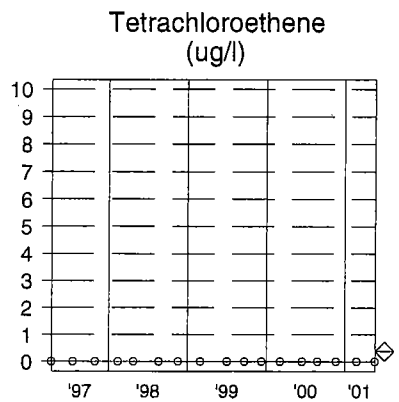
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

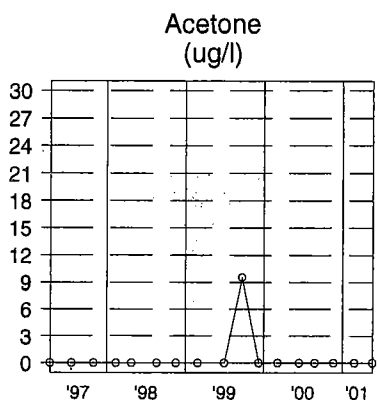


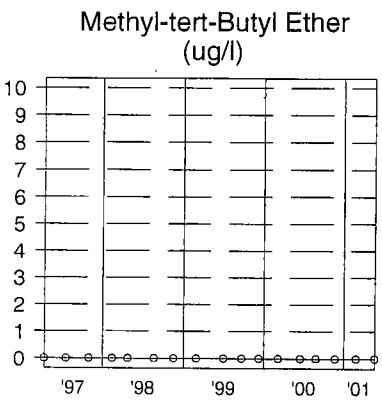


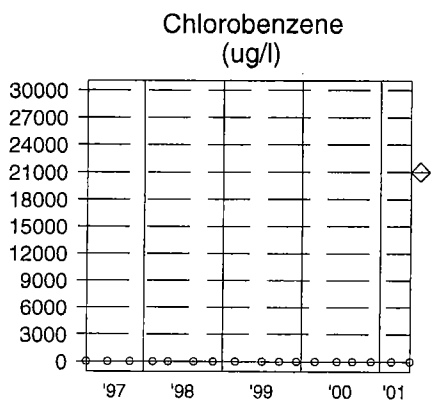












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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	1.91	ND	ND	ND	2.81	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	3.94	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.35	1.40	6.92	ND	2.40	ND		
06/12/2000	FMETL	ND	ND	ND	ND	5.56	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.17	1.78	5.40	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	6.58	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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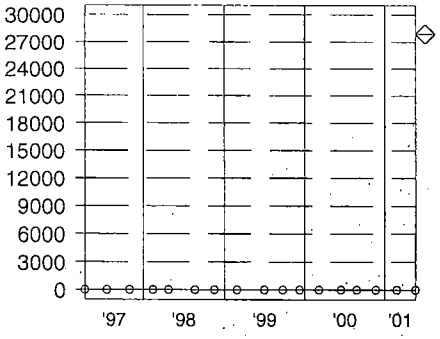
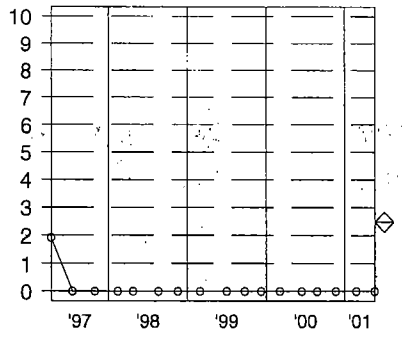
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

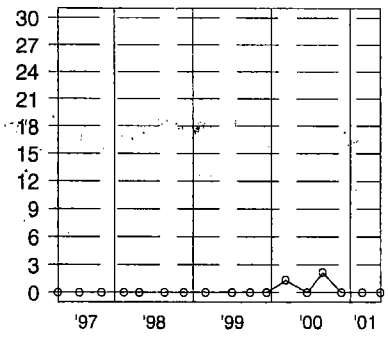
Ethylbenzene
(ug/l)



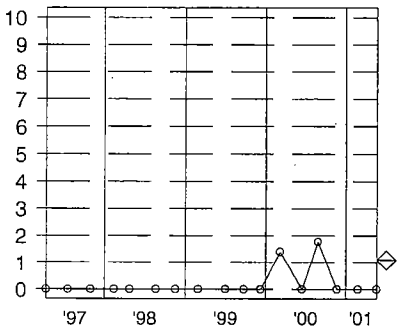
Methylene Chloride
(ug/l)



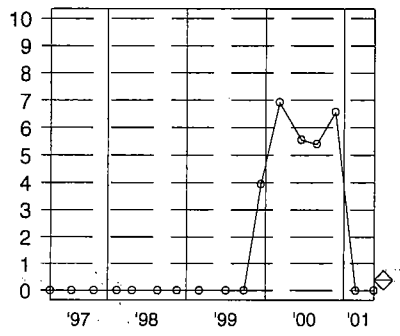
cis-1,2-Dichloroethene
(ug/l)



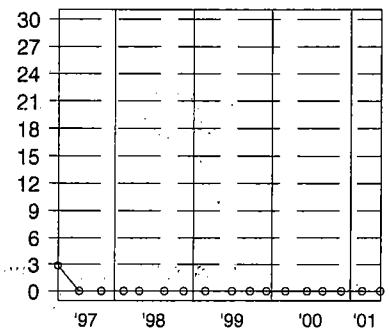
Trichloroethene
(ug/l)



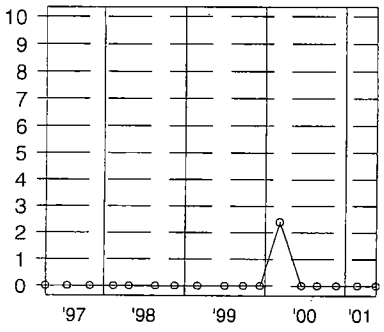
Tetrachloroethene
(ug/l)



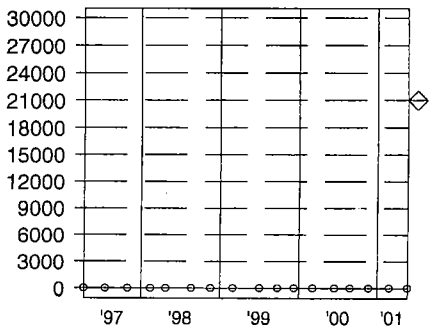
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	3.94	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	1.59	1.75	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	ND	3.32	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	11.26	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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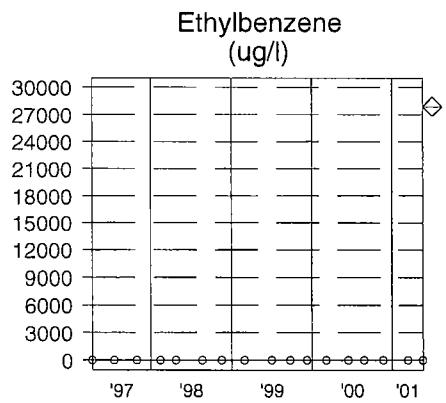
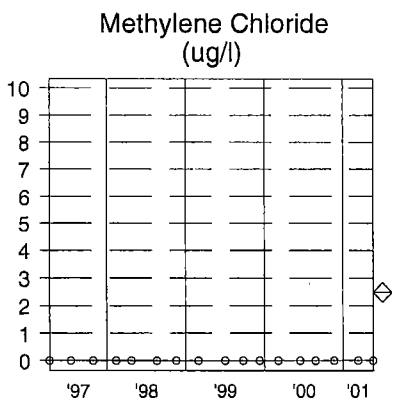
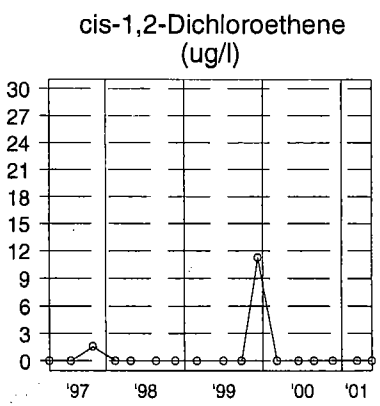
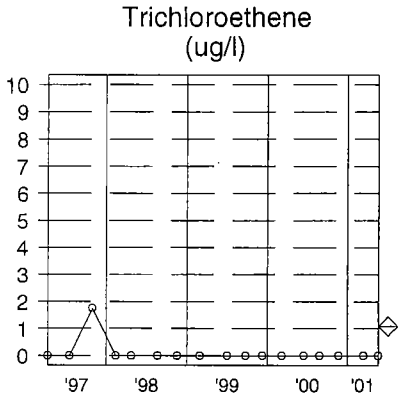
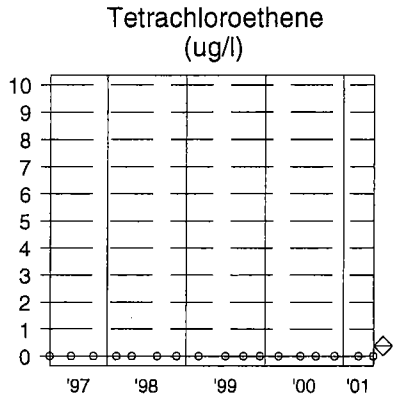
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

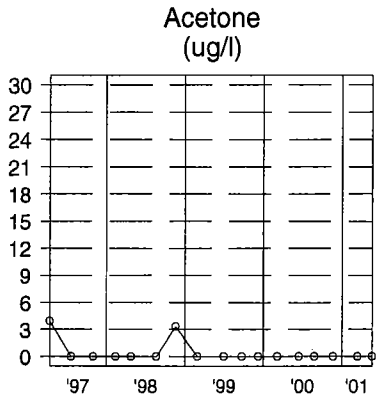


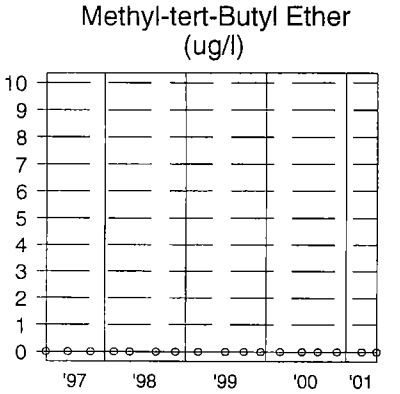


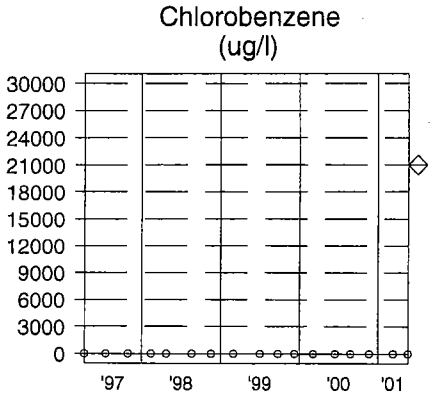












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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	2.69	1.60	6.00	ND	ND	ND		
07/17/1997	FMETL	ND	ND	5.53	2.50	7.12	ND	ND	ND		
10/30/1997	FMETL	ND	ND	2.57	ND	2.72	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	1.03	6.90	ND	ND	ND		
04/21/1998	FMETL	ND	ND	1.22	1.21	5.72	ND	ND	ND		
08/19/1998	FMETL	ND	ND	3.89	2.06	5.39	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	7.33	ND	ND	ND		
06/29/1999	FMETL	ND	ND	4.17	2.40	7.86	ND	ND	ND		
09/21/1999	FMETL	ND	ND	3.59	1.37	2.61	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	4.08	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.39	1.39	6.95	ND	2.38	ND		
06/12/2000	FMETL	ND	ND	ND	ND	5.94	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.02	1.09	5.20	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	6.29	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	7.19	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.50	ND	6.64	ND	ND	ND		-

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Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

Fort Monmouth

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Streams

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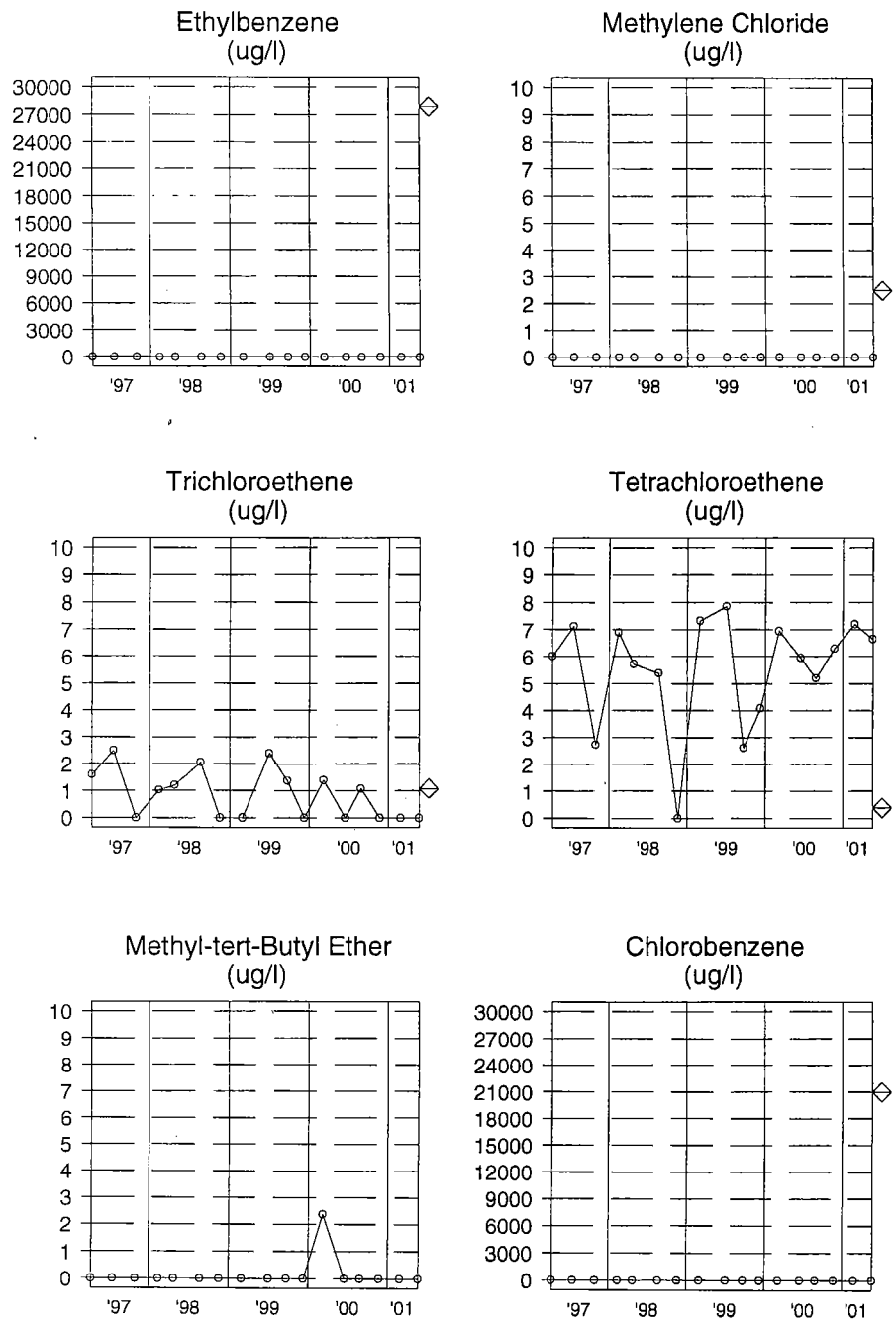
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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NJDEP Criteria

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Streams

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

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	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	2.05	1.26	4.47	ND	ND	ND		
07/17/1997	FMETL	ND	ND	2.55	ND	4.72	ND	ND	ND		
10/30/1997	FMETL	ND	ND	1.76	ND	1.86	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	6.23	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	4.58	ND	ND	ND		
08/19/1998	FMETL	ND	ND	2.94	1.63	4.33	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	1.48	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	6.06	ND	ND	ND		
06/29/1999	FMETL	ND	ND	3.56	2.25	7.70	ND	ND	ND		
09/22/1999	FMETL	ND	ND	2.74	ND	2.63	ND	ND	ND		
12/09/1999	FMETL	ND	ND	1.79	ND	4.13	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.28	1.27	6.47	ND	2.33	ND		
06/12/2000	FMETL	ND	ND	ND	ND	3.74	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.68	1.28	4.47	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	4.49	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	6.25	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.23	ND	4.91	ND	ND	ND		-

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04/08/1997 - 05/16/2001

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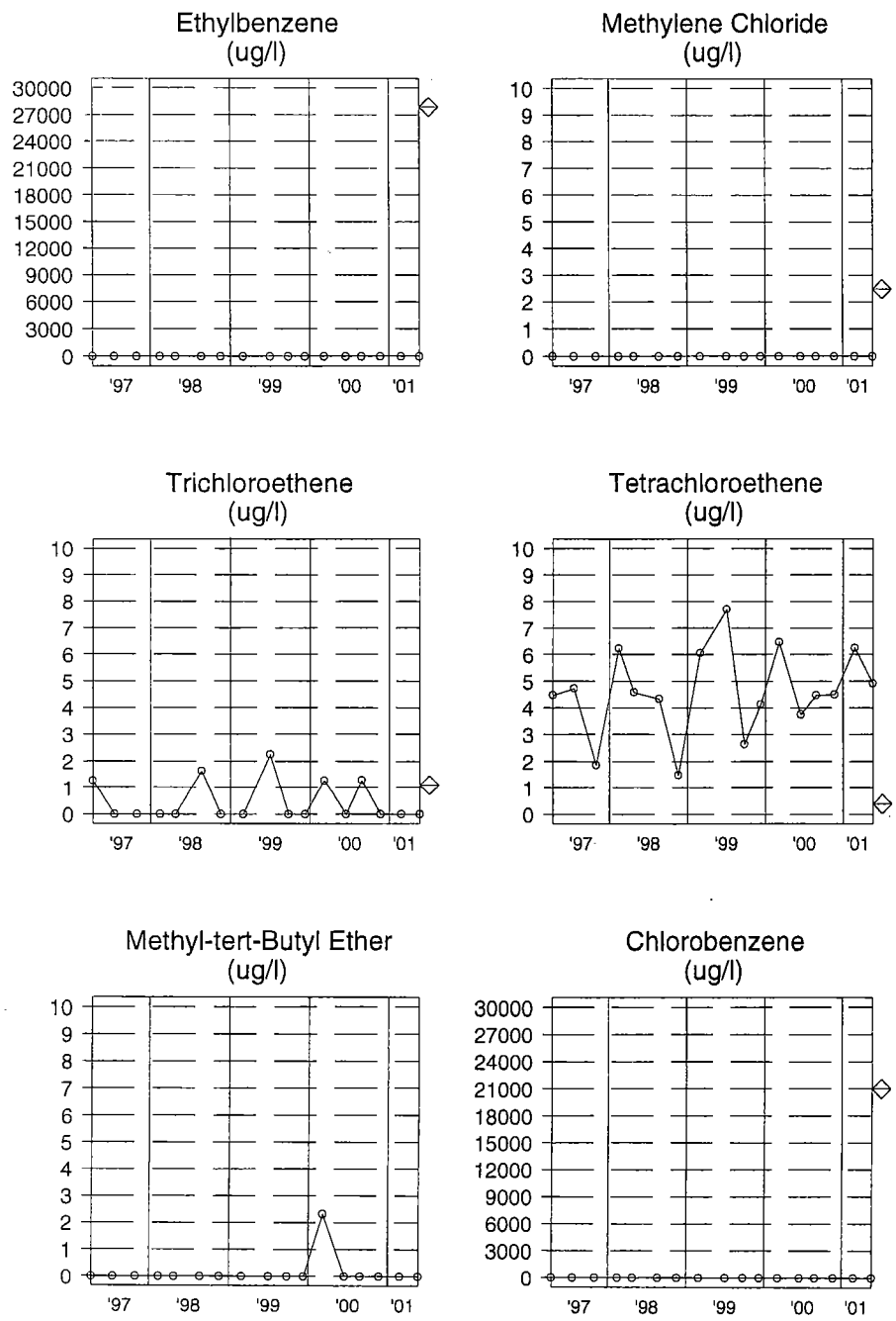
Page 1 of 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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04/08/1997 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	1.97	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	1.59		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	4.43	2.12	5.09	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	1.09	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 05/16/2001

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Page 1 of 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

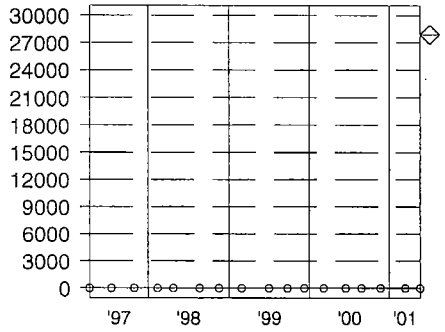
Fort Monmouth

GW Monitoring
Streams

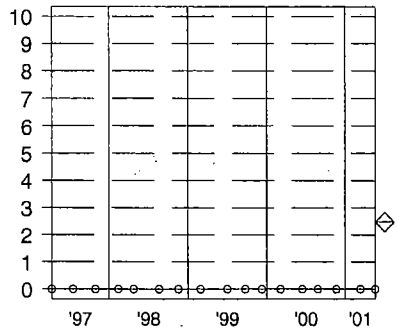
Source 12 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

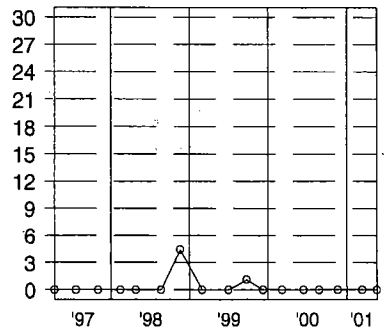
Ethylbenzene
(ug/l)



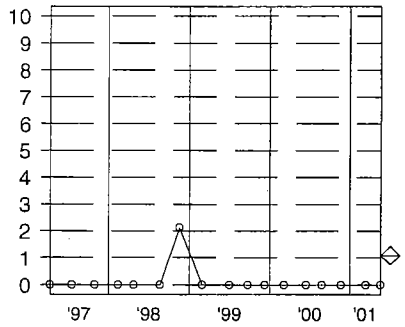
Methylene Chloride
(ug/l)



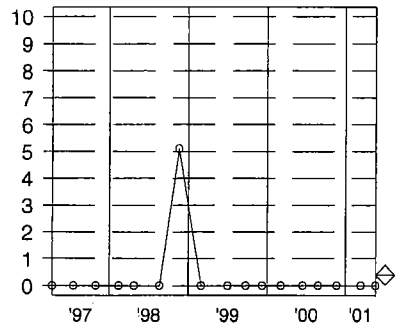
cis-1,2-Dichloroethene
(ug/l)



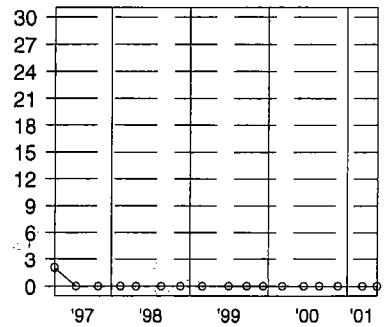
Trichloroethene
(ug/l)



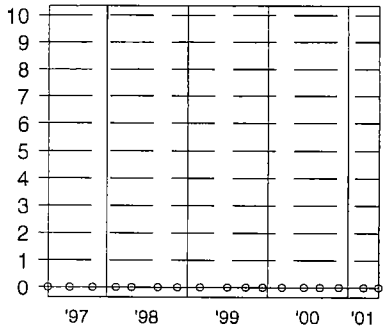
Tetrachloroethene
(ug/l)



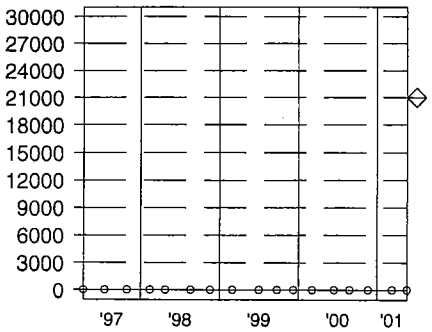
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-30-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	1.06	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	5.87	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	14.36	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	4.65	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	3.18	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	3.95	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	1.47	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	4.67	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	4.90	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	5.57	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.46	ND	ND	15.24	ND	ND		
11/20/2000	FMETL	ND	ND	1.80	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	4.10	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.45	ND	ND	ND	ND	ND		-

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04/08/1997 - 05/16/2001

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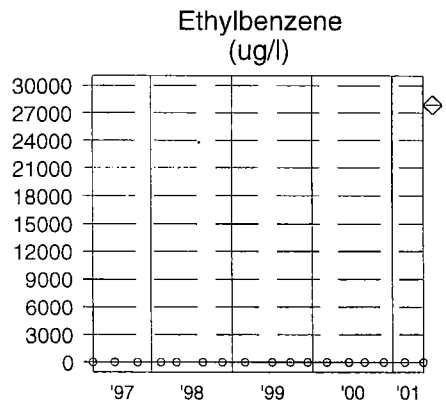
Page 1 of 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

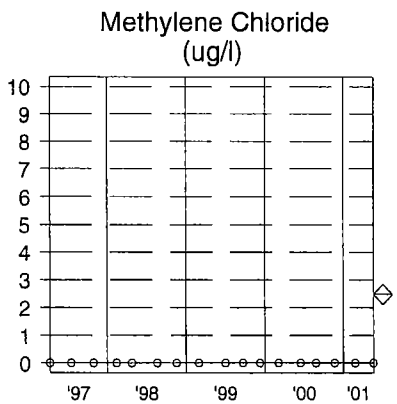
Fort Monmouth

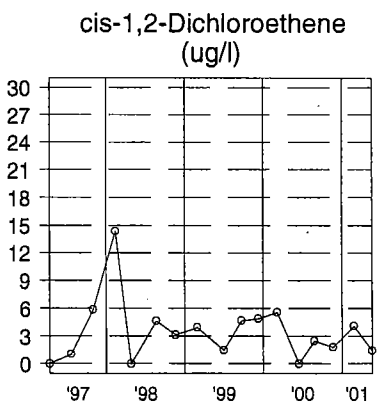
GW Monitoring
Streams

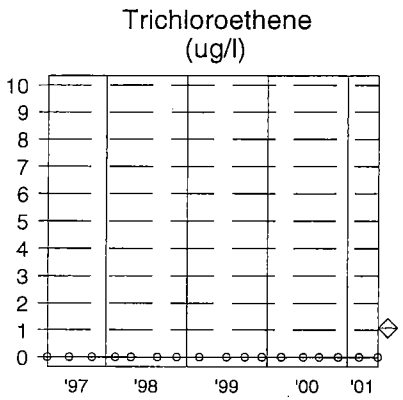
Source 13 of 23

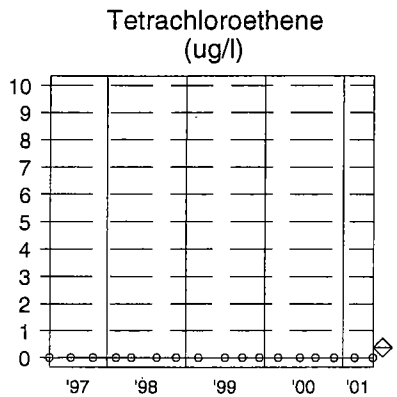
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

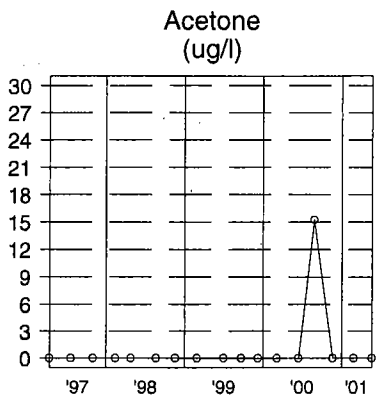


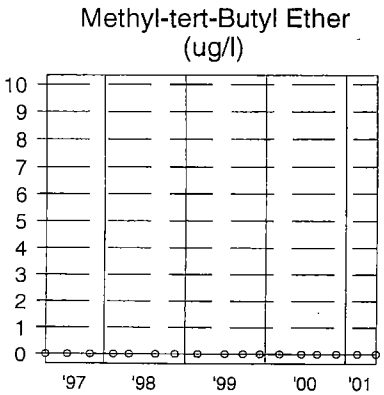


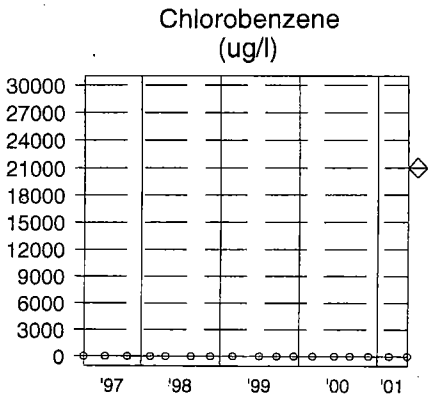












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04/08/1997 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	6.44	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	4.69	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	8.22	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	6.86	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	2.95	ND	ND	ND	ND	ND		
11/17/1998	FMETL	ND	ND	2.3	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	2.30	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	3.53	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	2.60	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	2.92	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.07	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	2.99	ND	ND	ND	ND	ND		-
02/21/2001D	FMETL	ND	ND	3.87	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.57	ND	ND	ND	ND	ND		-

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04/08/1997 - 05/16/2001

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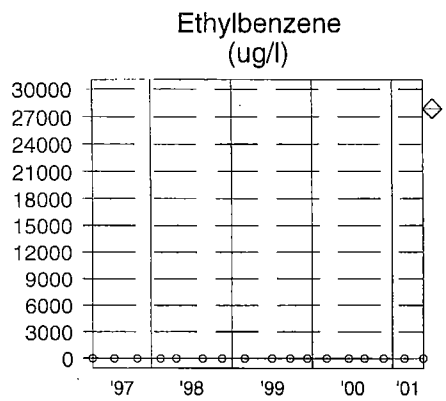
Page 1 of 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

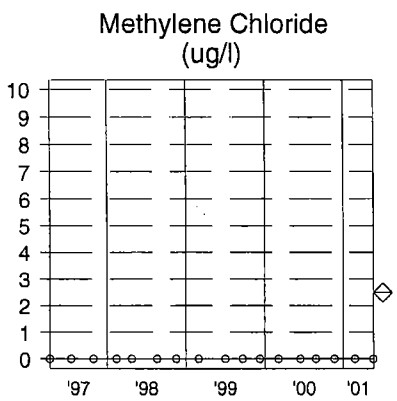
Fort Monmouth

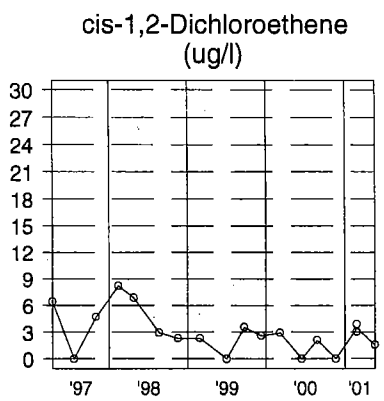
GW Monitoring
Streams

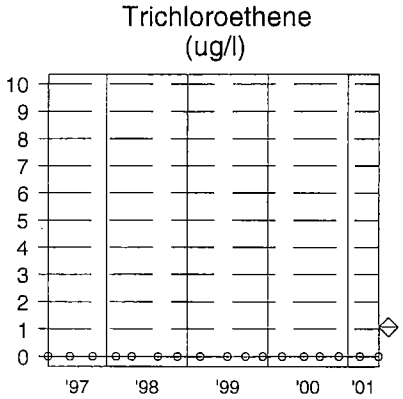
Source 14 of 23

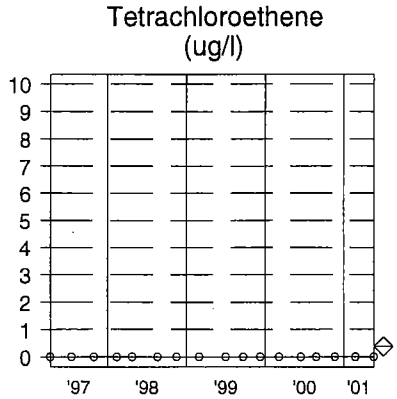
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

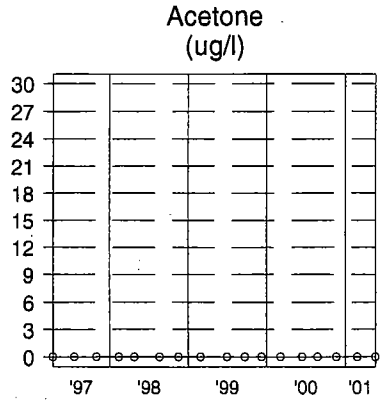


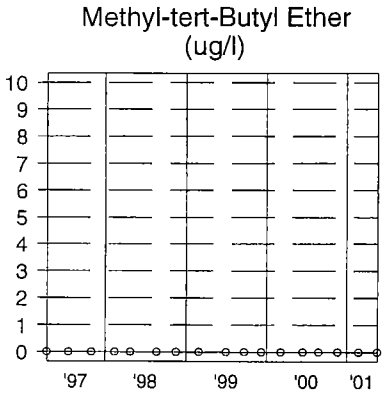


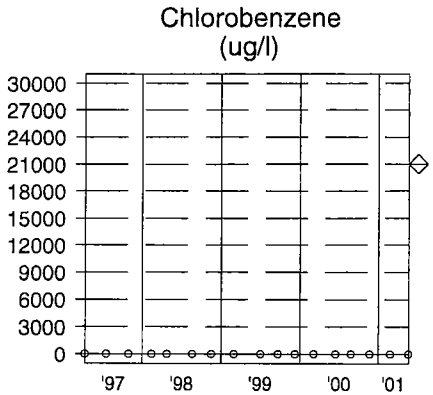












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04/08/1997 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-30-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	2.18	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	2.63	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	4.85	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	5.70	ND		
09/21/1999	FMETL	ND	ND	ND	ND	ND	ND	2.10	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	6.38	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	2.58	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 05/16/2001

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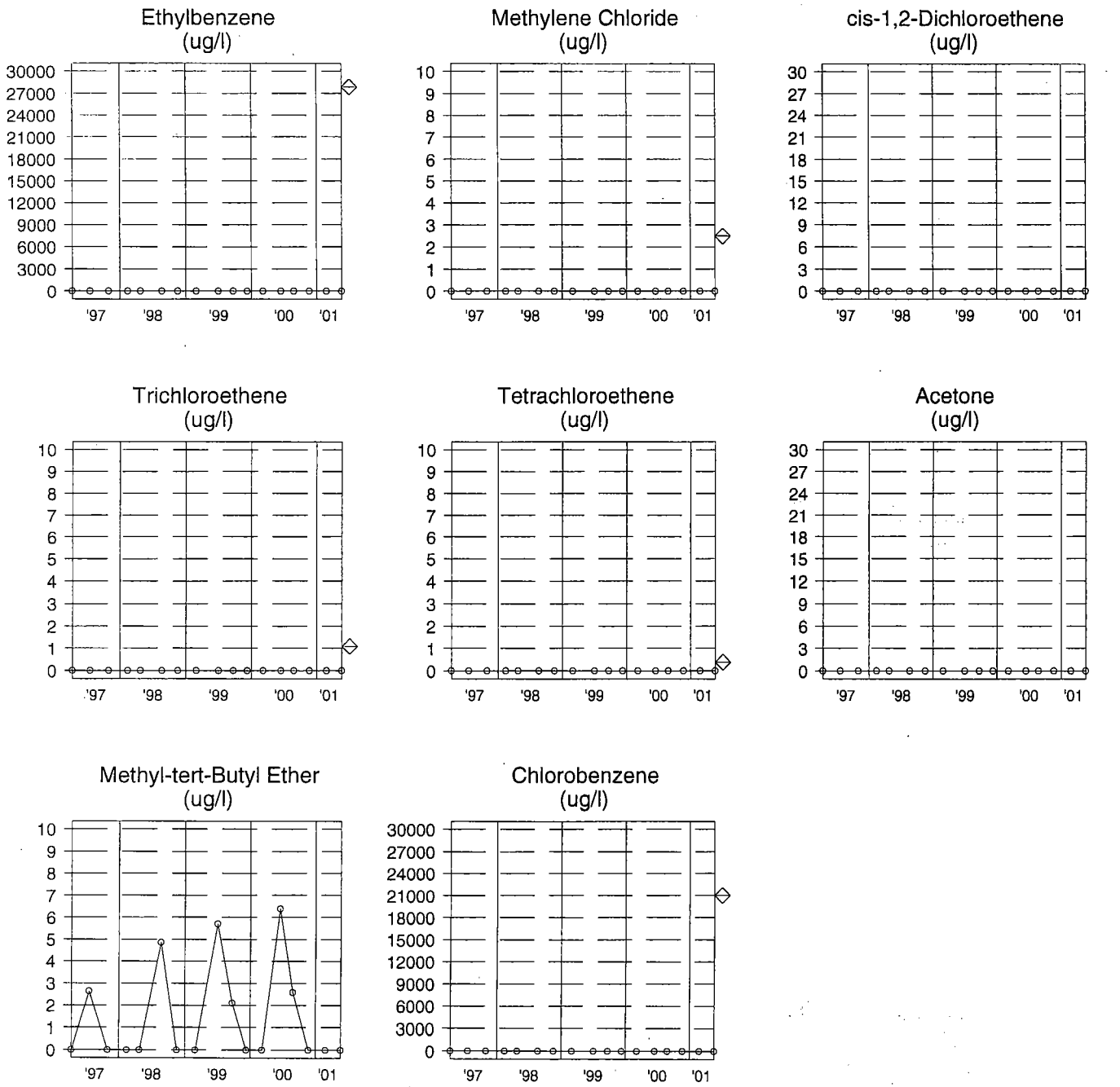
Page 1 of 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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04/08/1997 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-30-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	2.90	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	4.71	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	7.40	ND		
09/21/1999	FMETL	ND	ND	1.17	ND	ND	ND	2.24	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	27.52	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	4.56	2.67	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 05/16/2001

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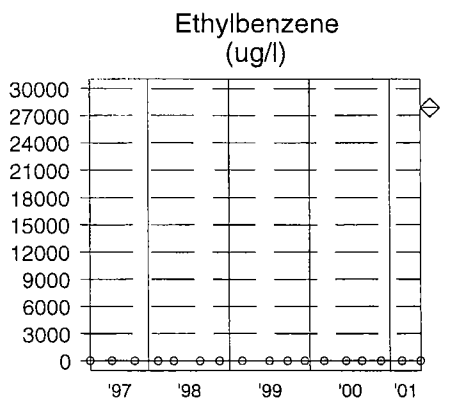
Page 1 of 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

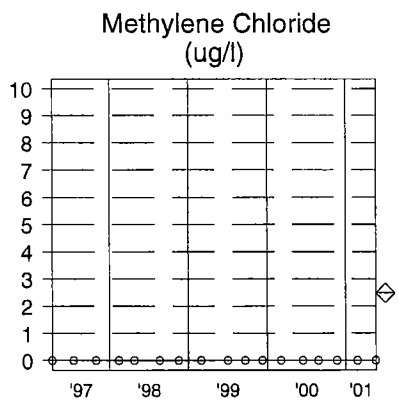
Fort Monmouth

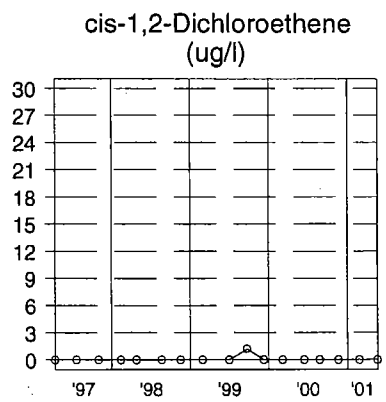
GW Monitoring
Streams

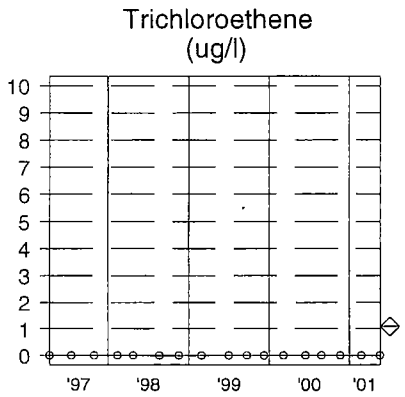
Source 16 of 23

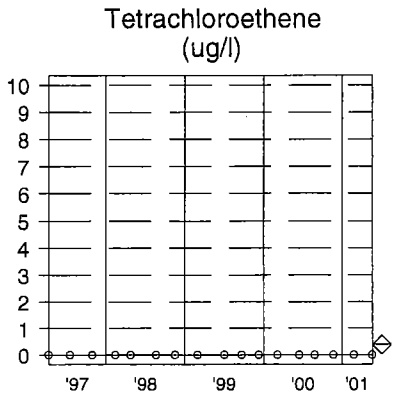
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

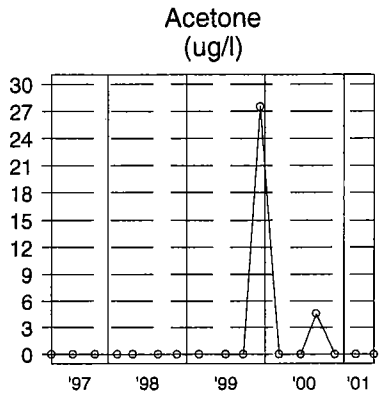


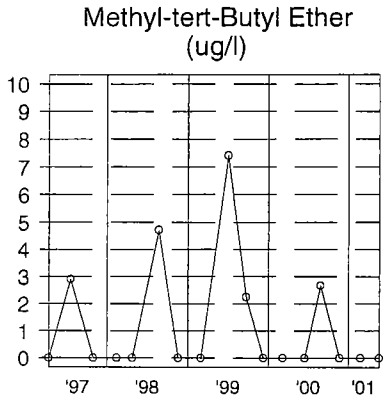


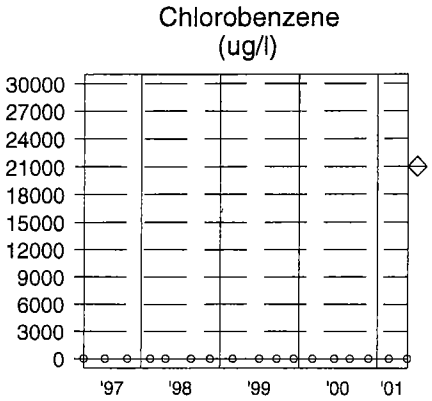












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04/08/1997 - 05/16/2001

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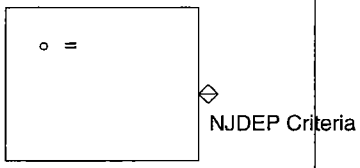

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-30-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	4.26	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	4.50	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	8.30	ND		
09/21/1999	FMETL	ND	ND	ND	ND	ND	ND	0.82	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	32.77	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	10.26	ND		
06/12/2000D	FMETL	ND	ND	ND	ND	ND	ND	10.66	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	5.53	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

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04/08/1997 - 05/16/2001

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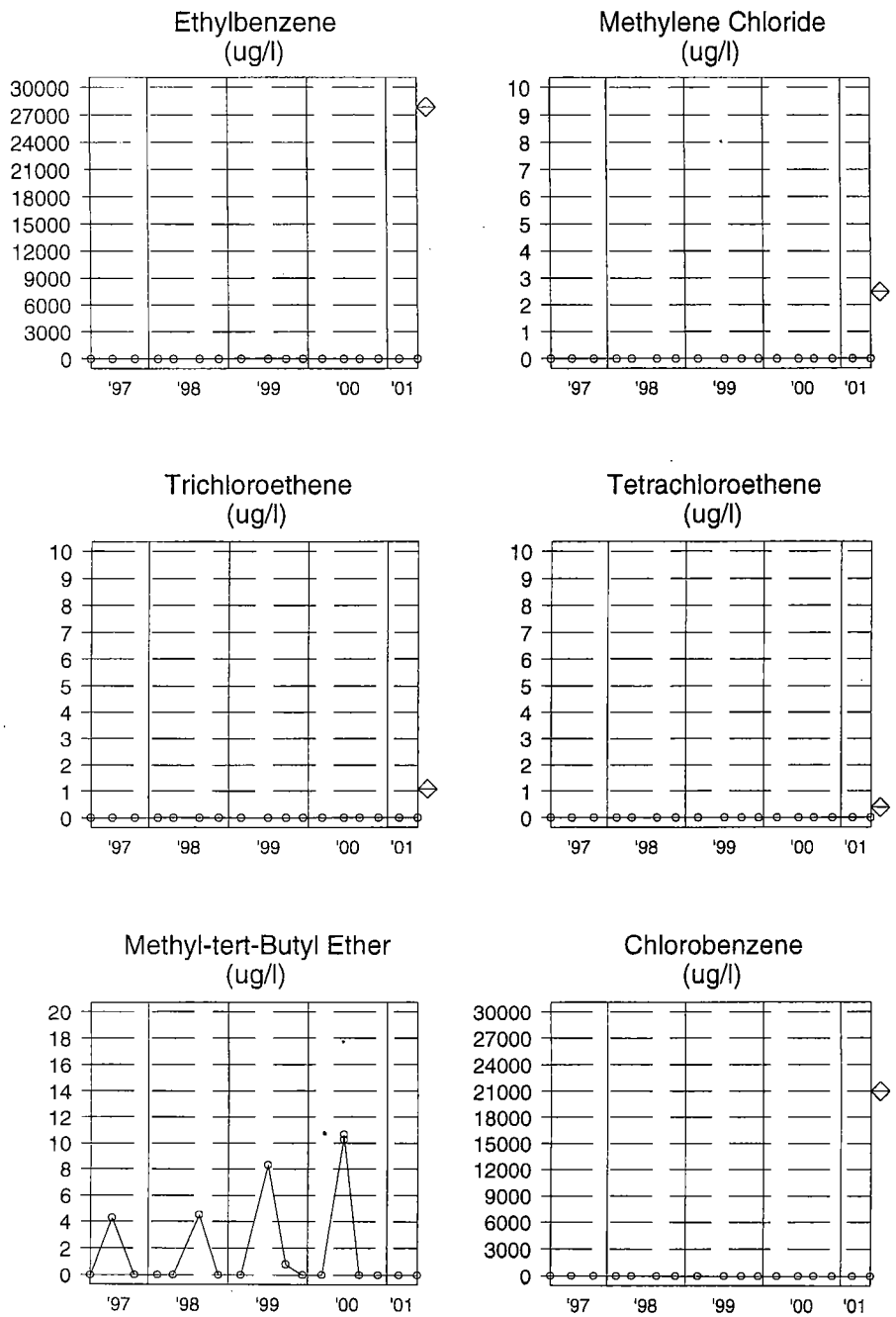
Page 1 of 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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04/08/1997 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-30-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	5.60	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.24	1.82	5.18	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	6.29	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	4.78	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.73	ND	6.41	ND	ND	ND		-

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06/12/2000 - 05/16/2001

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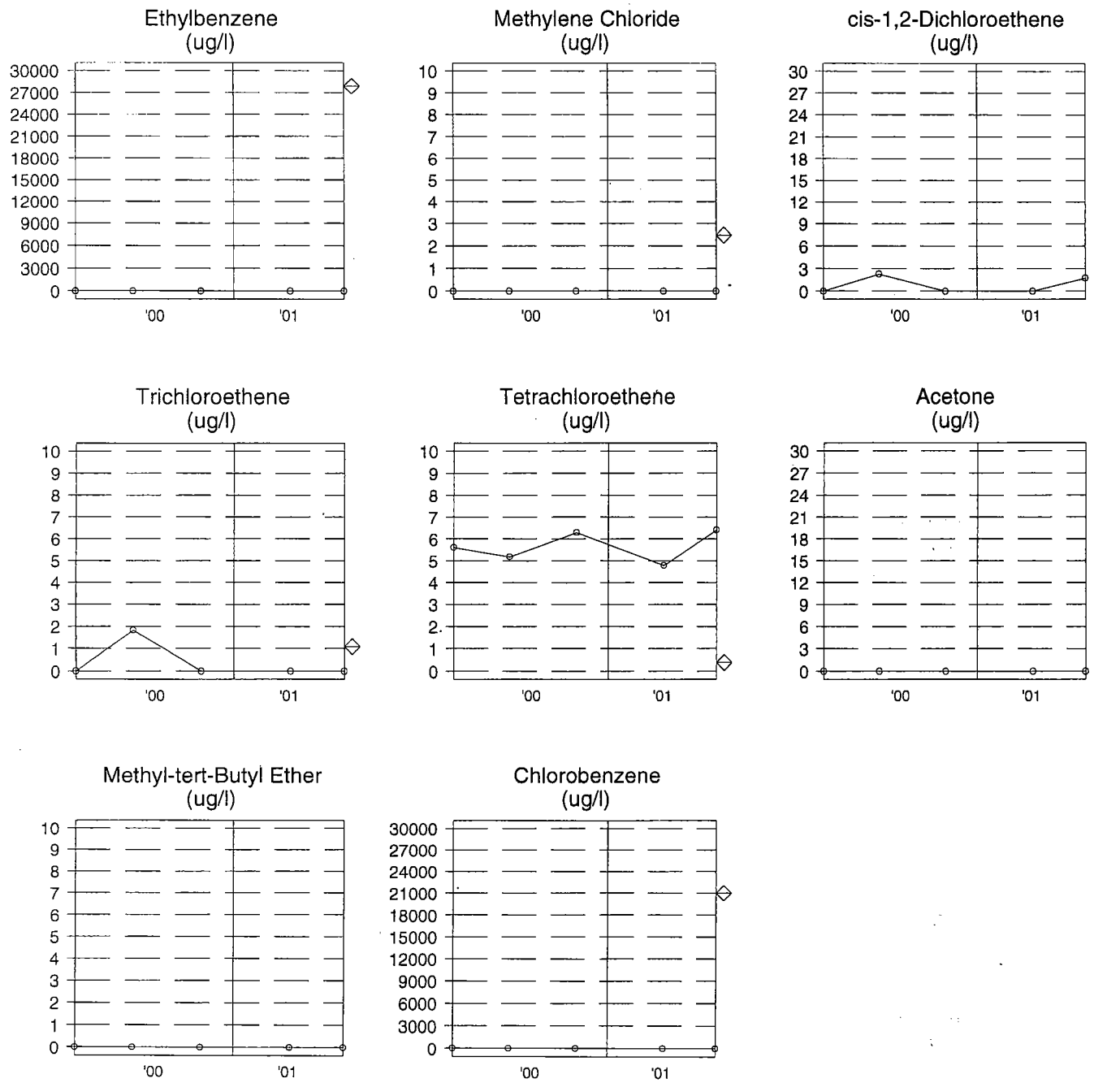
Page 1 of 1
Stream 23 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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06/12/2000 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-30-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	4.72	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.54	1.41	4.33	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	4.41	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	4.76	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.37	ND	5.12	ND	ND	ND		-

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06/12/2000 - 05/16/2001

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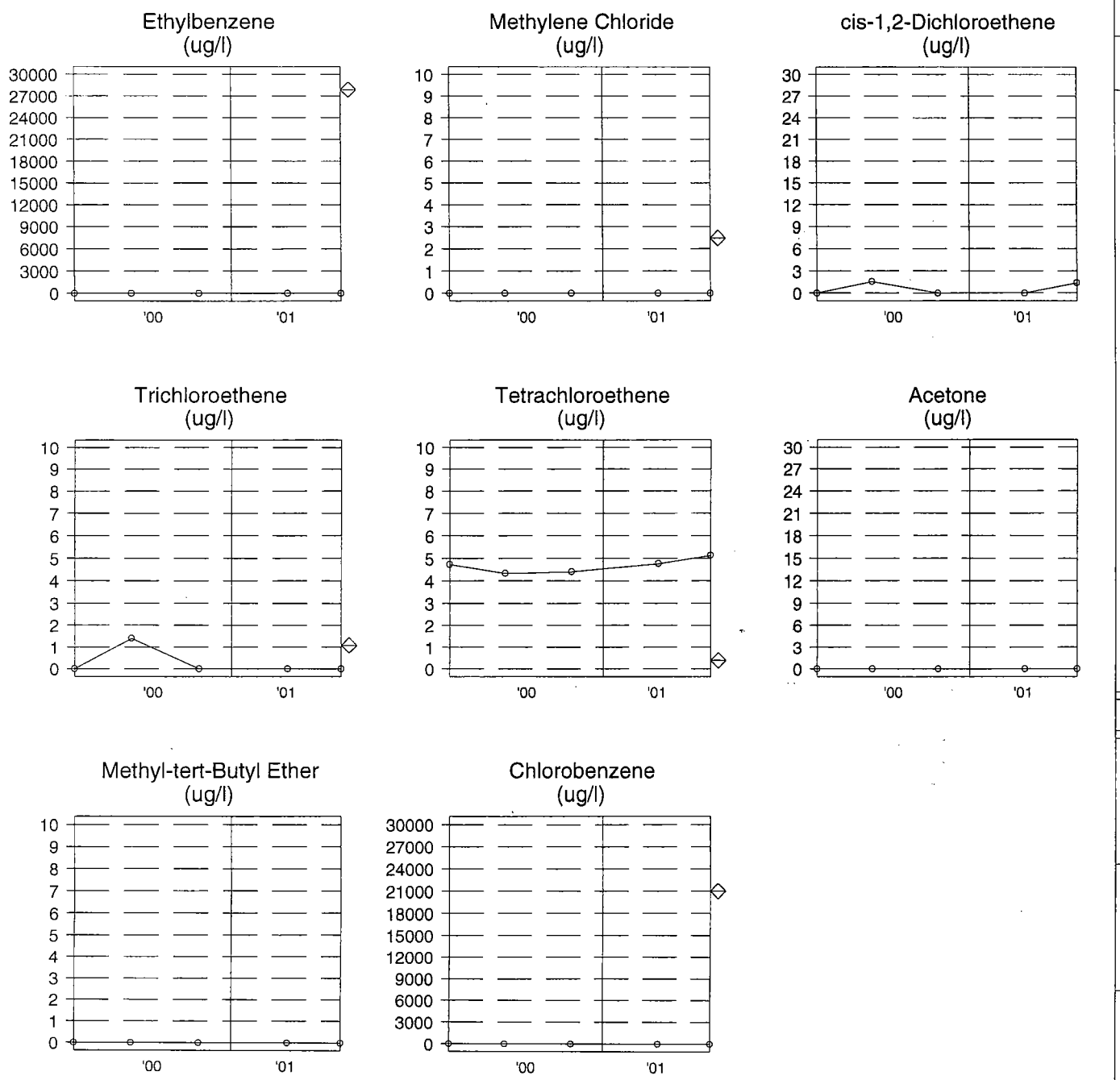
Page 1 of 2
Stream 24 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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06/12/2000 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-30-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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06/12/2000 - 05/16/2001

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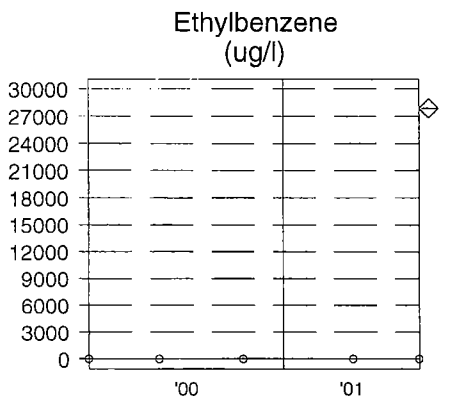
Page 1 of 1
Stream 25 is Salt-Water.

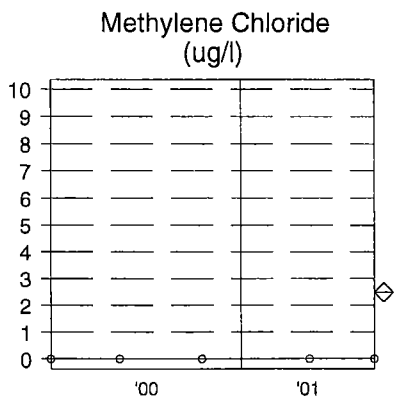
Fort Monmouth

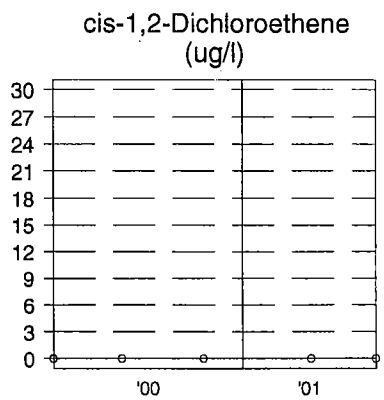
GW Monitoring
Streams

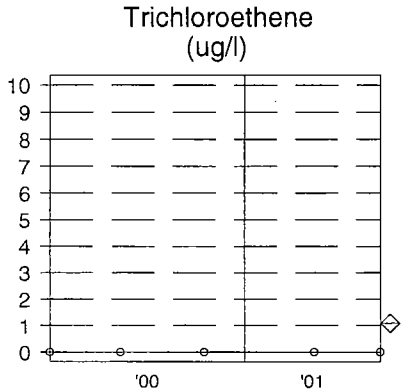
Source 20 of 23

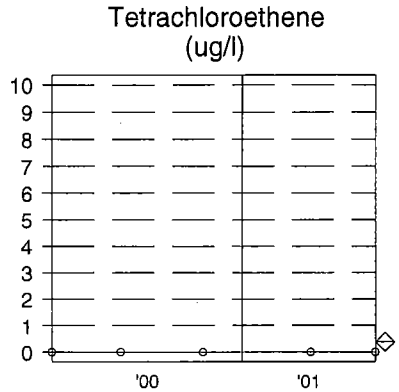
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

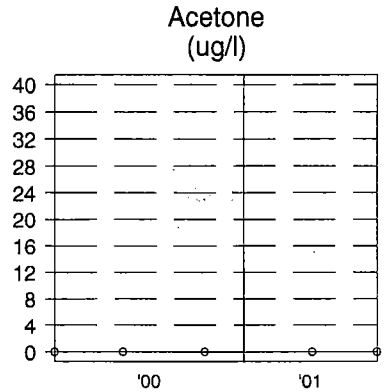


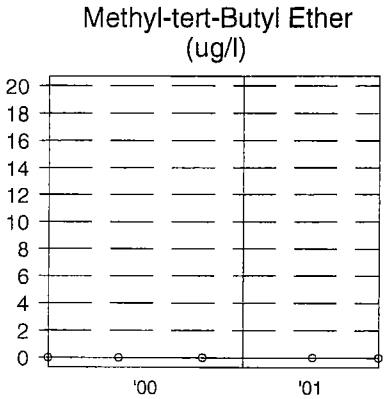


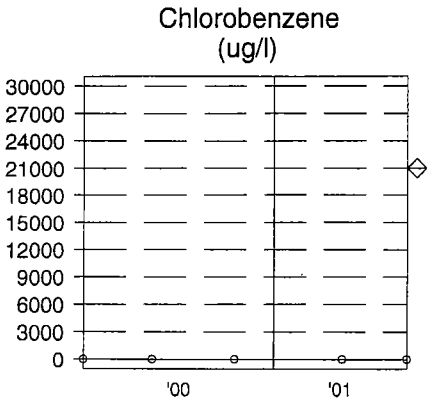












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06/12/2000 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-30-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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06/12/2000 - 05/16/2001

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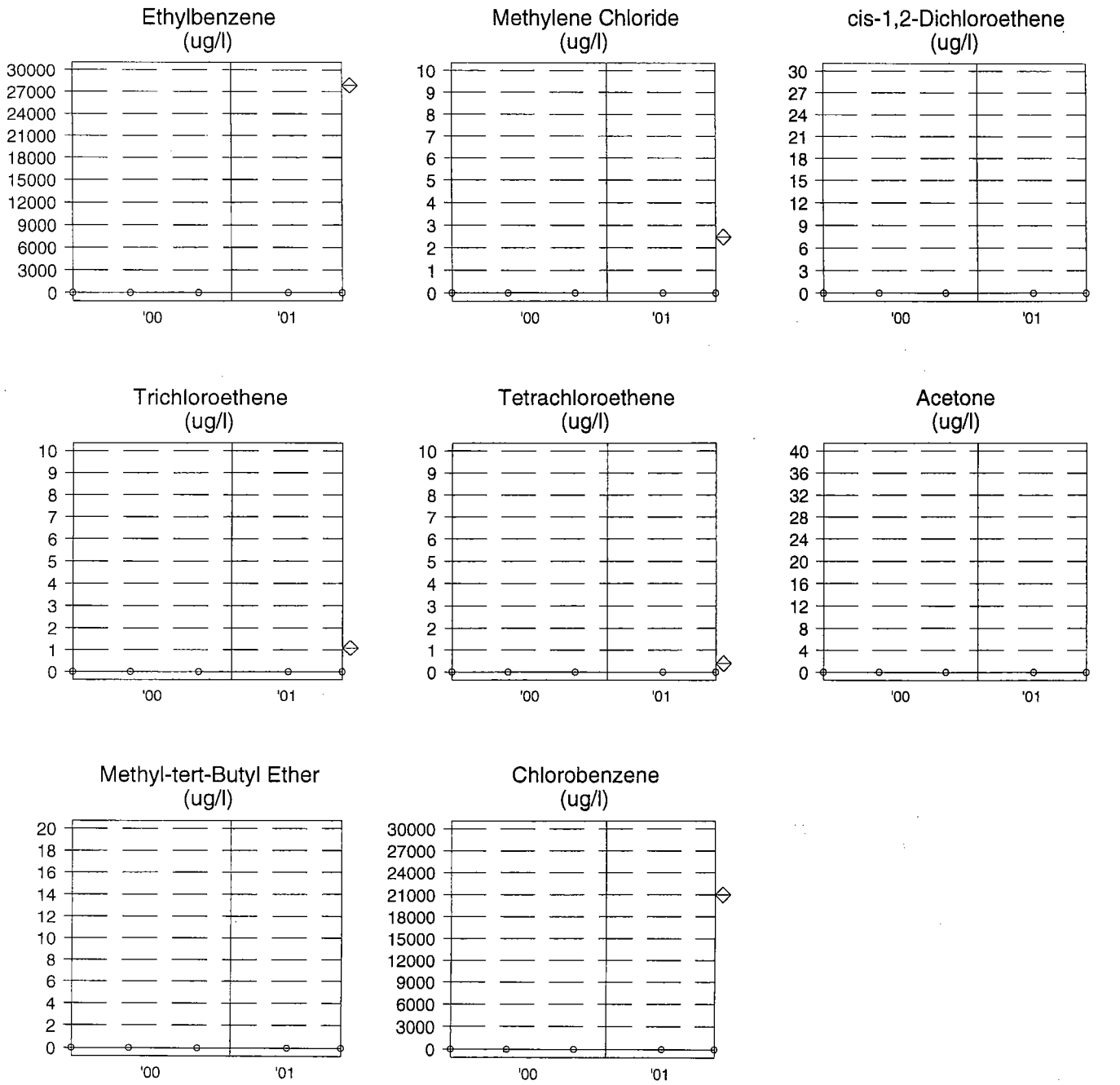
Page 1 of 1
Stream 26 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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06/12/2000 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-30-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	1.72	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	1.87	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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06/12/2000 - 05/16/2001

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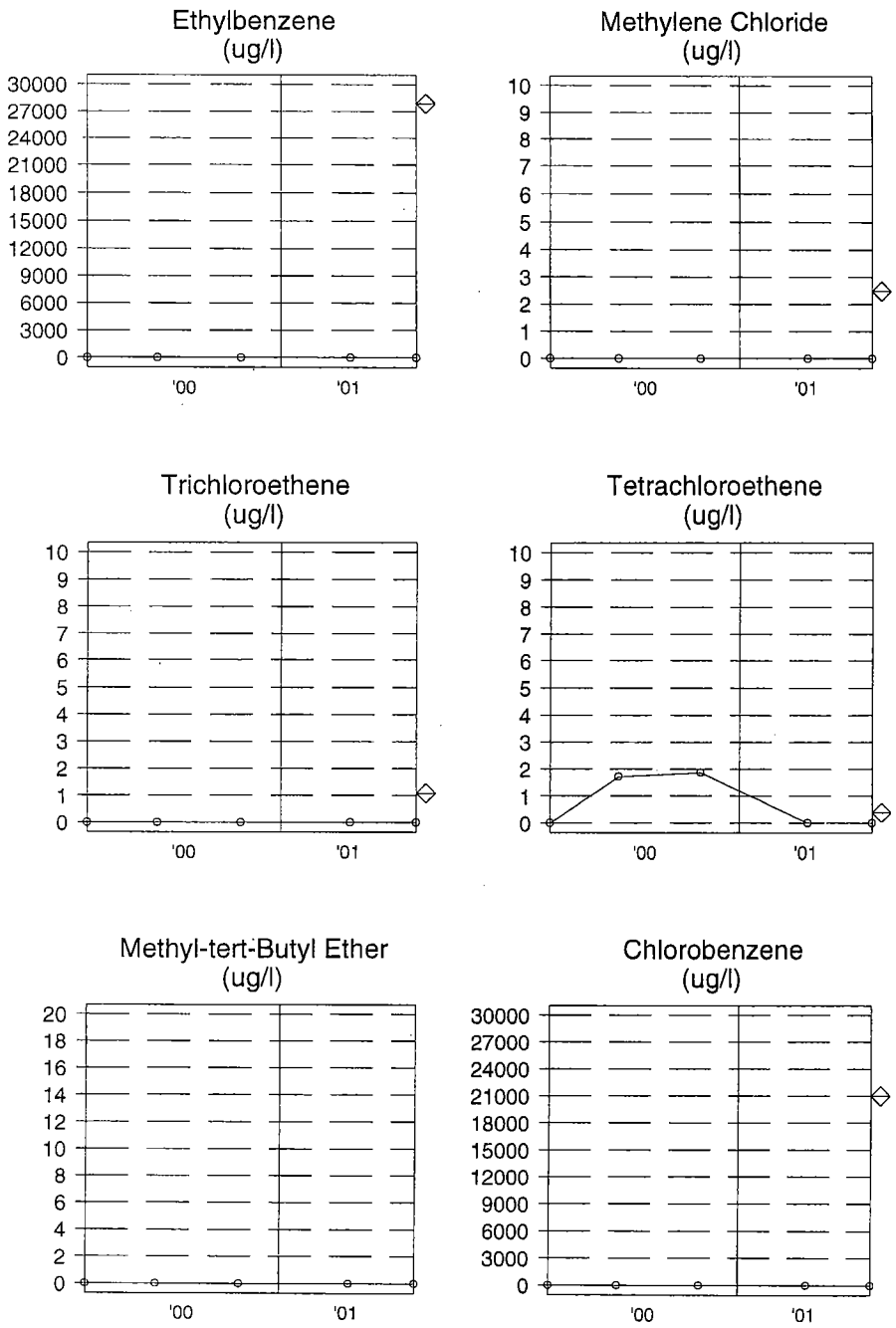
Page 1 of 1
Stream 27 is Salt Water.

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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06/12/2000 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-30-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.28	1.07	3.67	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	3.60	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	2.56	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	2.77	ND	ND	ND		-

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06/12/2000 - 05/16/2001

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Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

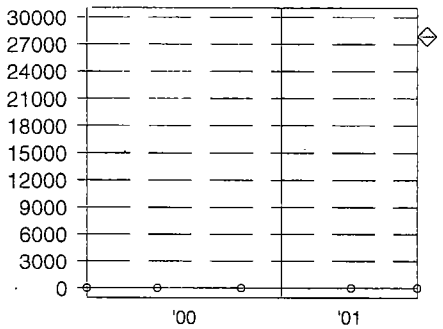
Fort Monmouth

GW Monitoring
Streams

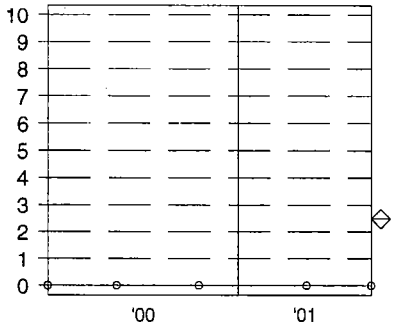
Source 23 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

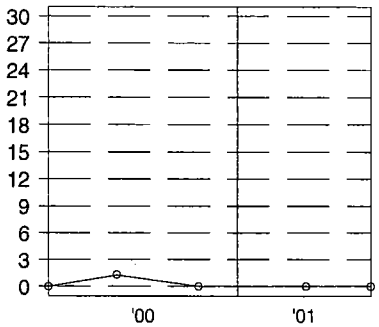
Ethylbenzene
(ug/l)



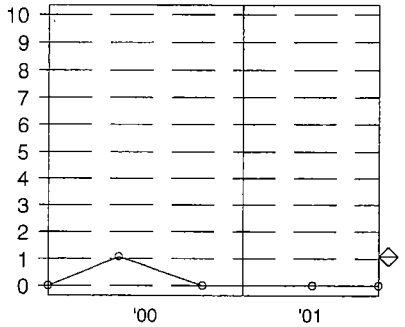
Methylene Chloride
(ug/l)



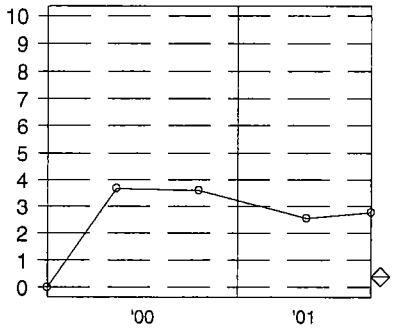
cis-1,2-Dichloroethene
(ug/l)



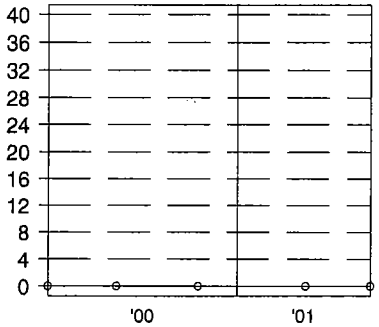
Trichloroethene
(ug/l)



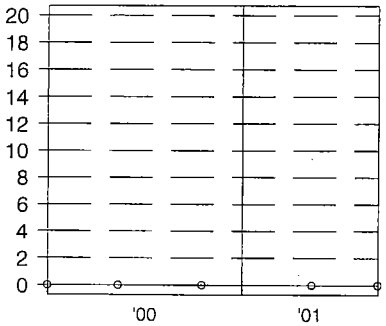
Tetrachloroethene
(ug/l)



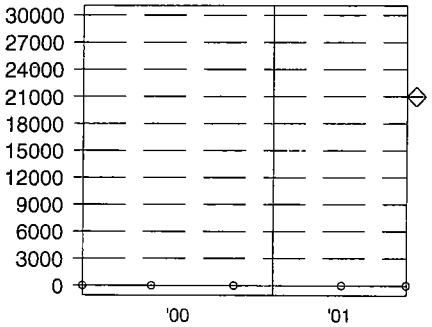
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 05/16/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-30-2001 x:\mtech46\fm\streams\gw\streams.wsf

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: 2nd QTR Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #07	1644904	Aqueous	25-Sept-01 09:59	09/25/01
Stream Site #27	1644905	Aqueous	25-Sept-01 10:07	09/25/01
Stream Site #24	1644906	Aqueous	25-Sept-01 09:46	09/25/01
Stream Site #23	1644907	Aqueous	25-Sept-01 09:37	09/25/01
Stream Site #15	1644908	Aqueous	25-Sept-01 09:24	09/25/01
Stream Site #03	1644909	Aqueous	25-Sept-01 10:18	09/25/01
Stream Site #14	1644910	Aqueous	25-Sept-01 10:27	09/25/01
Stream Site #13	1644911	Aqueous	25-Sept-01 10:45	09/25/01
Stream Site #20	1644912	Aqueous	25-Sept-01 08:45	09/25/01
Stream Site #11	1644913	Aqueous	25-Sept-01 09:10	09/25/01
Stream Site #04	1644914	Aqueous	25-Sept-01 09:45	09/25/01
Stream Site #16	1644915	Aqueous	25-Sept-01 10:00	09/25/01
Stream Site #05	1644916	Aqueous	25-Sept-01 11:30	09/25/01
Stream Site #28	1644917	Aqueous	25-Sept-01 11:45	09/25/01
Stream Site #25	1644918	Aqueous	25-Sept-01 11:00	09/25/01
Stream Site #17	1644919	Aqueous	25-Sept-01 11:15	09/25/01
Stream Site #26	1644920	Aqueous	25-Sept-01 10:30	09/25/01
Stream Site #09	1642504	Aqueous	11-Sept-01 11:20	09/11/01
Stream Site #12	1642506	Aqueous	11-Sept-01 12:00	09/11/01
Stream Site #18	1642507	Aqueous	11-Sept-01 12:20	09/11/01
Stream Site #19	1642508	Aqueous	11-Sept-01 11:40	09/11/01
Stream Site #21	1642510	Aqueous	11-Sept-01 10:20	09/11/01
Stream Site #22	1642511	Aqueous	11-Sept-01 09:40	09/11/01

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, PCB's, WET CHEMISTRY

11-13-01

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

SAMPLING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J Hallon
Phone #: 1026223
( )DERA ( )OMA ( )Other:

Project No:
Location: Streams
3rd Qrtr '01 I

Sampler Name / Company: Alison Lewis

Comments: HCL/H_2SO_4/<4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Volatiles	NH_3/NO_3	PO_4/SO_4	T. Coli	PCB	pH (su)	Temp (°C)	Dsslvd O_2	Remarks / Preservation Method	
160425 01	Trip	9/11/01	0915	AQ	2	✓					—	—	—	Salinity	
02	Field Blank		0915		5	✓	✓	✓		✓	—	—	—	20/20	‰
03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	—	—
04	Stream Site #9		1120		6	✓	✓	✓	✓	✓	7.35	24.25	0.00	1.000	0
05	# 11		NS			✓	✓	✓	✓	✓				NO Sample Collected	
06	# 12		1200			✓	✓	✓	✓	✓	7.40	24.14	5.39	1.000	0
07	# 18		1220			✓	✓	✓	✓	✓	7.31	25.21	~~7.70~~ 4.36	1.000	0
08	# 19		1140			✓	✓	✓	✓	✓	7.30	23.39	~~3.07~~ 2.89	1.000	0
09	# 20		NS			✓	✓	✓	✓	✓				NO Sample Collected	
10	# 21		1020			✓	✓	✓	✓	✓	7.51	23.00	999.99	1.08	12
11	# 22		0940			✓	✓	✓	✓	✓	7.26	28.39	19.99	1.015	20

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Alison Lewis	9/13/01 0800	[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, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H- outgoing
No Sample for #11 & 20

print legibly

Coc.xls9/4/01

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: Streams
3rd Qrtr '01 II

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters: VOC's, NH_3/NO_3, SO_4/POx, T. Coli, PCB, pH (SU), Temp (°C), Dissolved O_2

Comments: HCL / H_2SO_4 / 4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOC's	NH_3/NO_3	SO_4/POx	T. Coli	PCB	pH (SU)	Temp (°C)	Dissolved O_2	Salinity d 20/20	Salinity ‰	Remarks / Preservation Method
10449 01	Trip	9/25/01	0830	AQ	2	✓								—	—	
02	Field Blank		0900		5	✓	✓	✓		✓	—	—	—	—	—	
03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	—	—	
04	Stream Site # 7	S	0959		6	✓	✓	✓	✓	✓	6.95	21.3	7.59	1.001	2.0	cloudy
05	# 27	S	1007			✓	✓	✓	✓	✓	6.91	21.1	7.49	1.003	4.0	cloudy
06	# 24	F	0946			✓	✓	✓	✓	✓	7.28	20.3	8.66	1.000	0.0	cloudy
07	# 23	F	0937			✓	✓	✓	✓	✓	7.26	20.7	8.61	1.000	0.0	cloudy
08	# 15*	F	0924			✓	✓	✓	✓	✓	7.31	20.9	8.77	1.000	0.0	cloudy
09	#3	F	1018			✓	✓	✓	✓	✓	7.27	19.6	8.87	1.000	0.0	cloudy
10	#14	F	1027			✓	✓	✓	✓	✓	7.17	19.1	8.91	1.000	0.0	cloudy
11	#13	F	1045			✓	✓	✓	✓	✓	7.19	19.7	9.10	1.000	0.0	clear

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	9/25/01 1050	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H → O
Heavy Rains night previous. CPM

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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:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Hallion
Phone #: 222 6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: streams
3rd Qtr '01 Bact Sample

Samplers Name / Company:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	T. Coli								Remarks / Preservation Method
10447 01	Stream Site #9	9/24/01	0900	AQ	1									Behind housing
02	#12		0915											
03	#18		0925											
04	#19		~~0900~~ 0907											by gym
05	#21		0850											
06	#22		0840											

Analysis Parameters

Comments: <4°C

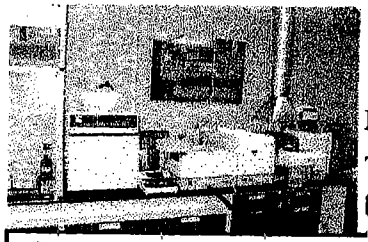
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Alison Lui	7/27/01 1125	J. Hallion			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EPA
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Shows Dye from Potables same day 4pm
Tide:

print legibly

Coc.xls9/4/01



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Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer:

Phone #:

( )DERA ( )OMA ( )Other:_____

Project No:

Location: Streams 3rd Quarter '01 II

Samplers Name / Company: Alison Lewis, Justin Leonard / TVS

Comments: HCl/H_2SO_4/4°C

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VOA's	NH_3/NO_3	SO_4/PO_4	T.coli	PCB	pH (su)	Temp °C	Dissolved O_2	Remarks / Preservation Method: Salinity d 20/20	Salinity ‰
16149	12	Stream Site #20S	09/25/01	0845	AQ	6	X	X	X	X	X	7.68	22.8	999.99	1.017	22
	13	#11F		0910								8.90	20.07	4.02	1.000	0
	14	#4S		0945								7.96	21.09	0.00	1.001	1
	15	#16S		1000								7.41	20.95	1.59	1.001	0
	16	#5S		1130								7.11	21.00	4.10	1.000	0
	17	#28F		1145								6.55	21.92	999.99	1.003	5
	18	#25F		1100								7.17	20.76	0.73	1.000	0
	19	#17S		1115								7.16	20.84	3.34	1.000	0
	20	#26F		1030								7.21	20.81	1.38	1.000	0

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Alison Lewis	9/25/01 1300	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Turnaround time: ( )Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide → H → O

print legibly

Page ____ of ____

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VOLATILE ORGANICS

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010167.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB**
Date Acquired	**17 Sep 2001 10:42 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010167.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB**
Date Acquired	**17 Sep 2001 10:42 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 16425 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: MB

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010167.D

Level: (low/med) LOW Date Received: 9/13/01

% Moisture: not dec. _____ Date Analyzed: 9/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007077.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007077.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: MB

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007077.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010175.D**	Sample Name	**1642501**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**17 Sep 2001 4:10 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.28	93868	2.06 ug/L	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.29	539443	7.00 ug/L	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010175.D**	Sample Name	**1642501**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**17 Sep 2001 4:10 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.28	93868	2.06 ug/L	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.29	539443	7.00 ug/L	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 16425 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1642501

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010175.D

Level: (low/med) LOW Date Received: 9/13/01

% Moisture: not dec. _____ Date Analyzed: 9/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007078.D**	Sample Name	**1644901**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.23	277270	7.05 ug/L	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

10/5/01 3:04 PM

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007078.D**	Sample Name	**1644901**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.23	277270	7.05 ug/L	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1644901

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007078.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010176.D**	Sample Name	**1642502**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**17 Sep 2001 4:50 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.28	427585	5.54 ug/L	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010176.D**	Sample Name	**1642502**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**17 Sep 2001 4:50 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.28	427585	5.54 ug/L	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 16425 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1642502

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010176.D

Level: (low/med) LOW Date Received: 9/13/01

% Moisture: not dec. _____ Date Analyzed: 9/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007079.D**	Sample Name	**1644902**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.23	264744	6.89 ug/L	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

10/5/01 3:04 PM

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007079.D**	Sample Name	**1644902**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.23	264744	6.89 ug/L	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

10/5/01 3:05 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1644902

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007079.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010177.D**	Sample Name	**1642503**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**17 Sep 2001 5:29 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010177.D**	Sample Name	**1642503**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**17 Sep 2001 5:29 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 16425 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1642503

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010177.D

Level: (low/med) LOW Date Received: 9/13/01

% Moisture: not dec. _____ Date Analyzed: 9/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007080.D**	Sample Name	**1644903**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

10/5/01 3:04 PM

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007080.D**	Sample Name	**1644903**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

10/5/01 3:05 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1644903

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007080.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007081.D**	Sample Name	**1644904**
Operator	**Skelton**	Field ID	**StreamSite#7**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#7**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1644904

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007081.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007082.D**	Sample Name	**1644905**
Operator	**Skelton**	Field ID	**StreamSite#27**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#27**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1644905

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007082.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007083.D**	Sample Name	**1644906**
Operator	**Skelton**	Field ID	**StreamSite#24**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#24**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1644906

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007083.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007084.D**	Sample Name	**1644907**
Operator	**Skelton**	Field ID	**StreamSite#23**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#23**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1644907

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007084.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007085.D**	Sample Name	**1644908**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#15**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1644908

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007085.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007086.D**	Sample Name	**1644909**
Operator	**Skelton**	Field ID	**StreamSite#3**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#3**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1644909

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007086.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007087.D**	Sample Name	**1644910**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#14**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1644910

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007087.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007088.D**	Sample Name	**1644911**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#13**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1644911

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007088.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007089.D**	Sample Name	**1644912**
Operator	**Skelton**	Field ID	**StreamSite#20**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#20**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1644912

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007089.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007090.D**	Sample Name	**1644913**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#11**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1644913

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007090.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007091.D**	Sample Name	**1644914**
Operator	**Skelton**	Field ID	**StreamSite#4**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#4**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1644914

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007091.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007092.D**	Sample Name	**1644915**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#16**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1644915

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007092.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007093.D**	Sample Name	**1644916**
Operator	**Skelton**	Field ID	**StreamSite#5**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#5**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1644916

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007093.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007094.D**	Sample Name	**1644917**
Operator	**Skelton**	Field ID	**StreamSite#28**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#28**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1644917

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007094.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007095.D**	Sample Name	**1644918**
Operator	**Skelton**	Field ID	**StreamSite#25**
Date Aquired	**27-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#25**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1644918

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007095.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. Date Analyzed: 9/27/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007096.D**	Sample Name	**1644919**
Operator	**Skelton**	Field ID	**StreamSite#17**
Date Aquired	**28-Sep-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

10/5/01 3:05 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#17**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1644919

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007096.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/28/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC007097.D	Sample Name	1644920
Operator	Skelton	Field ID	StreamSite#26
Date Aquired	28-Sep-01	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#26**

Lab Name: FMETL NJDEP#: 13461

Project: Streams3rd Case No.: 16449 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1644920

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007097.D

Level: (low/med) LOW Date Received: 9/25/01

% Moisture: not dec. _____ Date Analyzed: 9/28/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010178.D**	Sample Name	**1642504**
Operator	**Skelton**	Field ID	**StreamSite#9**
Date Acquired	**17 Sep 2001 6:09 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#9

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 16425 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1642504

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010178.D

Level: (low/med) LOW Date Received: 9/13/01

% Moisture: not dec. _____ Date Analyzed: 9/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010179.D**	Sample Name	**1642506**
Operator	**Skelton**	Field ID	**StreamSite#12**
Date Acquired	**17 Sep 2001 6:49 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#12

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 16425 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1642506

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010179.D

Level: (low/med) LOW Date Received: 9/13/01

% Moisture: not dec. _____ Date Analyzed: 9/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010180.D**	Sample Name	**1642507**
Operator	**Skelton**	Field ID	**StreamSite#18**
Date Acquired	**17 Sep 2001 7:28 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9t

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#18

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 16425 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1642507

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010180.D

Level: (low/med) LOW Date Received: 9/13/01

% Moisture: not dec. _____ Date Analyzed: 9/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010181.D**	Sample Name	**1642508**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Acquired	**17 Sep 2001 8:08 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#19

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 16425 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1642508

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010181.D

Level: (low/med) LOW Date Received: 9/13/01

% Moisture: not dec. _____ Date Analyzed: 9/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010182.D**	Sample Name	**1642510**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Acquired	**17 Sep 2001 8:48 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.89	209910	1.76 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#21

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 16425 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1642510

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010182.D

Level: (low/med) LOW Date Received: 9/13/01

% Moisture: not dec. _____ Date Analyzed: 9/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010183.D**	Sample Name	**1642511**
Operator	**Skelton**	Field ID	**StreamSite#22**
Date Acquired	**17 Sep 2001 9:28 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.88	420036	3.53 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
00-00-0	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#22

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 16425 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1642511

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010183.D

Level: (low/med) LOW Date Received: 9/13/01

% Moisture: not dec. _____ Date Analyzed: 9/17/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1642502
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/13/01
	Bldg. 173	**Extraction Date:**	9/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/6/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644902
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1642503
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/13/01
	Bldg. 173	**Extraction Date:**	9/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/6/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644903
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644904
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #7
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644905
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #27
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644906
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #24
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644907
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644908
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #15
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644909
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #3
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644910
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #14
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644911
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #13
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644912
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #20
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644913
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644914
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #4
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644915
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #16
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644916
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/6/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #5
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644917
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/6/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #28
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644918
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/6/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #25
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644919
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/6/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #17
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1644920
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/25/01
	Bldg. 173	**Extraction Date:**	9/28/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/6/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site #26
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1642504
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/13/01
	Bldg. 173	**Extraction Date:**	9/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/6/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site # 9
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1642506
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/13/01
	Bldg. 173	**Extraction Date:**	9/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/6/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site # 12
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1642507
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/13/01
	Bldg. 173	**Extraction Date:**	9/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/6/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site # 18
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1642508
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/13/01
	Bldg. 173	**Extraction Date:**	9/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/6/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site # 19
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1642510
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/13/01
	Bldg. 173	**Extraction Date:**	9/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/6/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site # 21
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1642511
	DPW, SELFM-PW-EV	**Date Rec'd:**	9/13/01
	Bldg. 173	**Extraction Date:**	9/14/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/6/01
Analysis:	EPA Method 608	**Location :**	3RD QRTR STREAMS
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Stream Site # 22
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

WET CHEMISTRY

Stream Water Analysis
3rd Quarter 2001

Sample ID	Date Sampled	Stream Site#	Temp °C	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
1642504	9/13/01	9	24.3	7.35	ND	0.7	ND	62	0.00	840	280	0
1642506	9/13/01	12	24.1	7.40	ND	0.8	ND	18	5.39	720	160	0
1642507	9/13/01	18	25.2	7.31	ND	1.0	ND	14	4.36	560	160	0
1642508	9/13/01	19	23.4	7.30	ND	0.7	ND	17	2.89	760	140	0
1642510	9/13/01	21	23.0	7.51	ND	0.4	ND	320	>1000	560	400	12
1642511	9/13/01	22	25.4	7.26	ND	0.4	ND	660	>1000	620	100	20
1644904	9/25/01	7	21.3	6.95	ND	0.6	0.88	99	7.59	25800	1060	2
1644905	9/25/01	27	21.1	6.91	0.23	0.2	0.98	ND	7.49	20300	1460	4
1644906	9/25/01	24	20.3	7.28	ND	0.4	0.17	28.3	8.66	3560	120	0
1644907	9/25/01	23	20.7	7.26	ND	0.7	0.21	26.5	8.61	3340	240	0
1644908	9/25/01	15	20.9	7.31	ND	0.4	0.19	28.3	8.77	3720	320	0
1644909	9/25/01	3	19.6	7.27	ND	0.7	0.11	13.1	8.87	52000	6100	0
1644910	9/25/01	14	19.1	7.17	ND	0.8	0.22	13.4	8.91	28200	1040	0
1644911	9/25/01	13	19.7	7.19	ND	0.6	0.21	27.7	9.10	4160	740	0
1644912	9/25/01	20	22.8	7.68	ND	0.5	0.52	275	>1000	2660	560	22
1644913	9/25/01	11	20.1	8.90	ND	0.6	ND	ND	4.02	22100	3800	0
1644914	9/25/01	4	21.1	7.96	ND	0.4	0.28	34.2	0.00	10400	720	1
1644915	9/25/01	16	21.0	7.41	ND	0.8	0.18	26.2	1.59	3860	300	0
1644916	9/25/01	5	21.0	7.11	ND	0.8	0.28	26.0	4.10	6200	460	0
1644917	9/25/01	28	21.9	6.55	0.41	0.4	0.20	118	>1000	17300	1100	5
1644918	9/25/01	25	20.8	7.17	ND	0.2	0.30	17.8	0.73	45000	6800	0
1644919	9/25/01	17	20.8	7.16	ND	0.3	0.26	15.6	3.34	33000	6800	0
1644920	9/25/01	26	20.8	7.21	ND	0.4	0.32	15.7	1.38	42000	5200	0

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed: 10/05/01
Reviewed: 10/05/01

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	2.00	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	1.09	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 09/25/2001

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Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

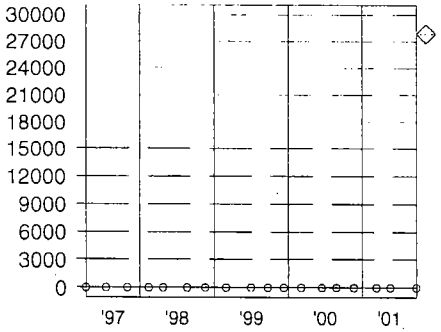
Fort Monmouth

GW Monitoring
Streams

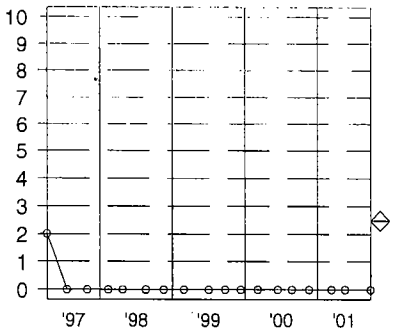
Source 1 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

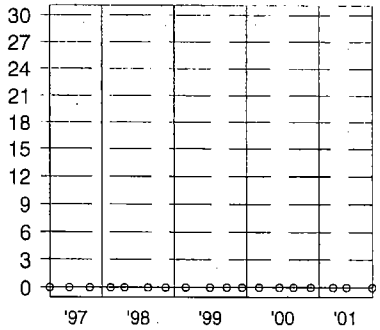
Ethylbenzene
(ug/l)



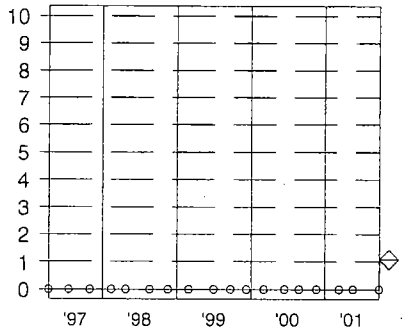
Methylene Chloride
(ug/l)



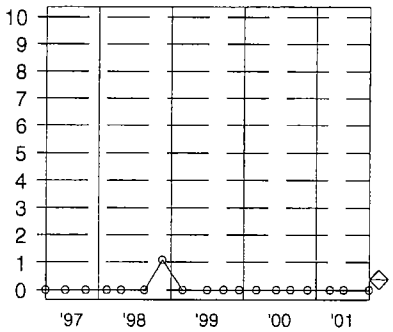
cis-1,2-Dichloroethene
(ug/l)



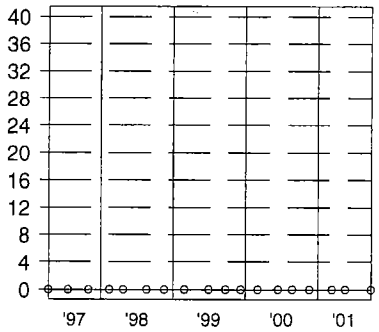
Trichloroethene
(ug/l)



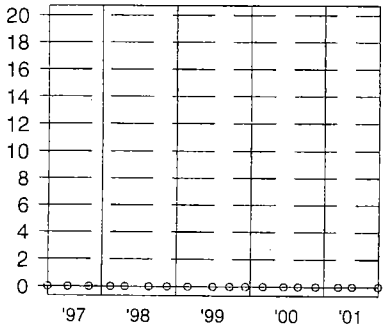
Tetrachloroethene
(ug/l)



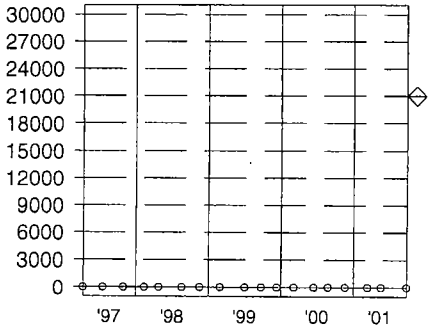
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 09/25/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	2.18	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	1.63	ND	1.61	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	1.24	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	6.61	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	4.42	ND	ND	ND		
08/19/1998	FMETL	ND	ND	1.92	1.10	2.85	ND	ND	ND		
11/17/1998	FMETL	ND	ND	1.19	ND	1.62	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	5.61	ND	ND	ND		
06/29/1999	FMETL	ND	ND	2.41	1.56	5.27	ND	ND	ND		
09/22/1999	FMETL	ND	ND	2.02	ND	1.85	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.23	1.26	6.18	ND	2.18	ND		
06/12/2000	FMETL	ND	ND	ND	ND	4.37	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.19	1.19	3.19	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	3.70	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	2.52	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	2.95	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit is NLE
TCE limit is 81
PCE limit is 4.29

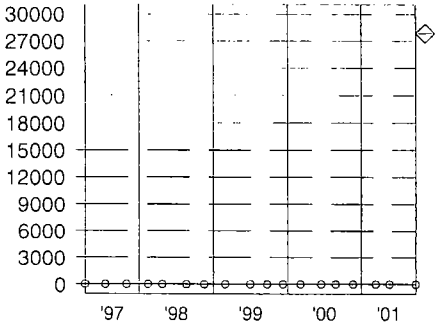
Fort Monmouth

GW Monitoring
Streams

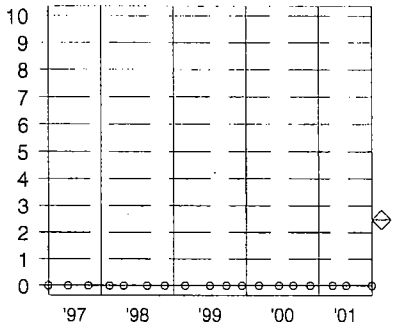
Source 2 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

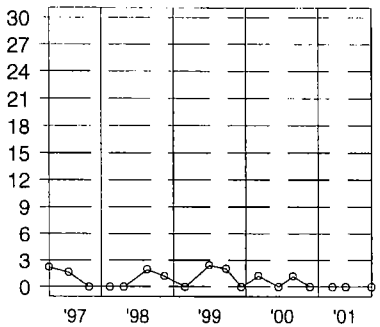
Ethylbenzene
(ug/l)



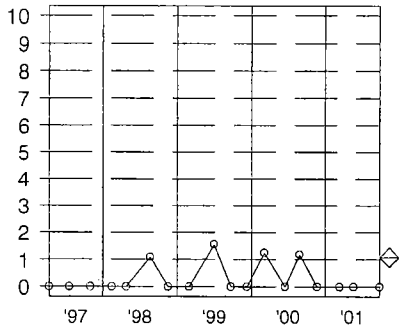
Methylene Chloride
(ug/l)



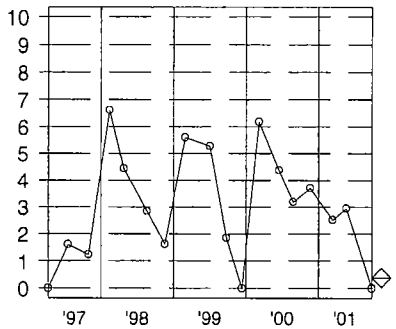
cis-1,2-Dichloroethene
(ug/l)



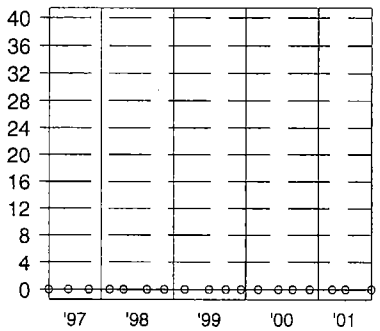
Trichloroethene
(ug/l)



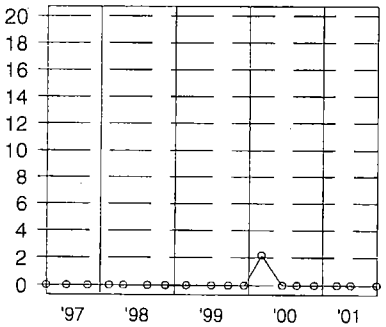
Tetrachloroethene
(ug/l)



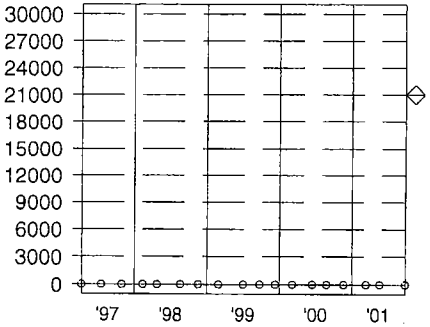
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 09/25/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	1.96	1.80	ND	2.28	ND	ND	ND		
07/17/1997	FMETL	ND	ND	3.66	ND	3.54	ND	ND	ND		
10/30/1997	FMETL	ND	ND	1.83	ND	1.70	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	6.34	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	4.48	ND	ND	ND		
08/19/1998	FMETL	ND	ND	2.28	1.27	3.39	ND	ND	ND		
11/17/1998	FMETL	ND	ND	1.67	ND	2.17	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	5.45	ND	ND	ND		
06/29/1999	FMETL	ND	ND	2.74	1.74	6.04	ND	ND	ND		
09/22/1999	FMETL	ND	ND	1.96	ND	1.82	ND	ND	ND		
12/09/1999	FMETL	ND	ND	1.60	ND	3.82	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.27	1.36	6.62	ND	2.34	ND		
06/12/2000	FMETL	ND	ND	ND	ND	4.38	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.19	ND	3.44	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	3.58	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	0.97	ND	4.09	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 09/25/2001

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Page 1 of 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

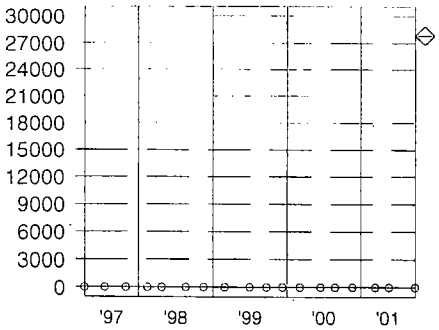
Fort Monmouth

GW Monitoring
Streams

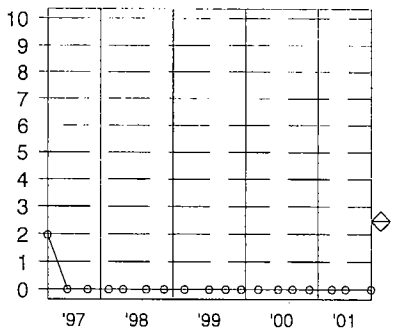
Source 3 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

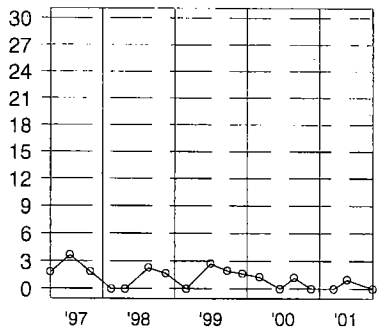
Ethylbenzene
(ug/l)



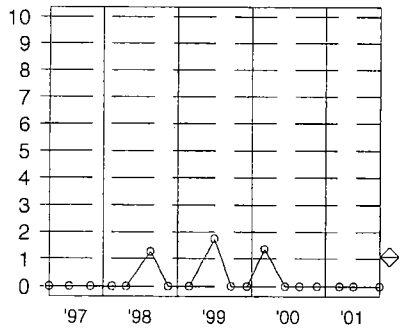
Methylene Chloride
(ug/l)



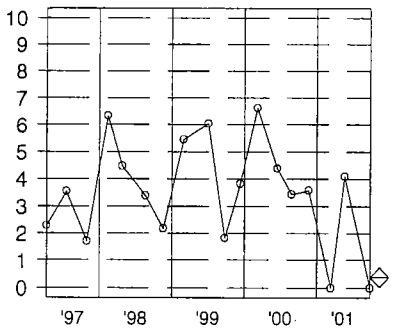
cis-1,2-Dichloroethene
(ug/l)



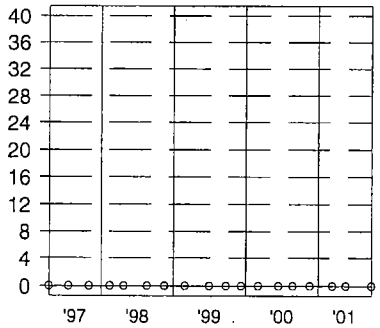
Trichloroethene
(ug/l)



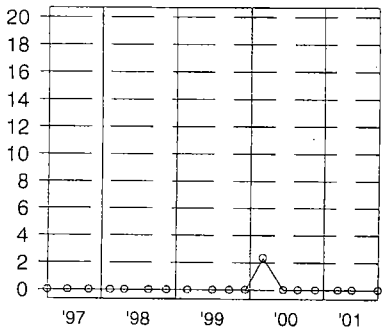
Tetrachloroethene
(ug/l)



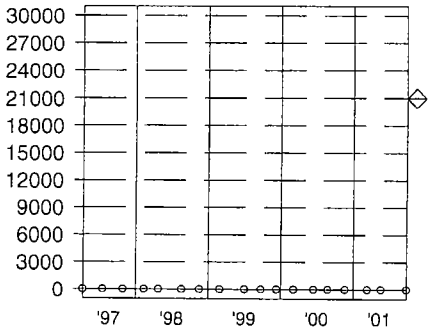
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 09/25/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	1.14	ND	1.08	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	2.04	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	2.40	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	2.85	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	1.42	2.94	2.00	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.19	1.30	6.47	ND	2.14	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	1.77	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	1.94	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 09/25/2001

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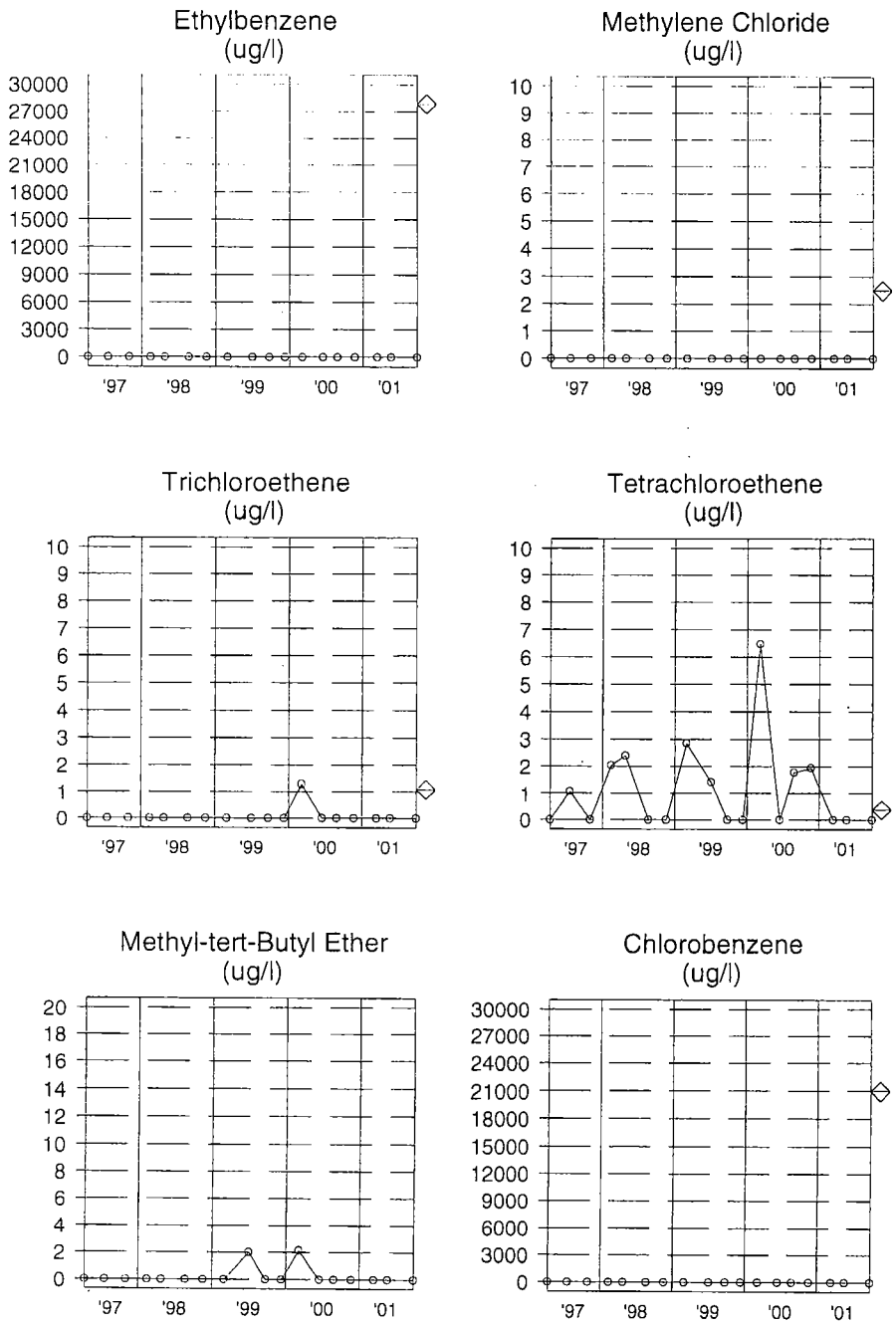
Page 1 of 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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04/08/1997 - 09/25/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	1.82	2.78	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	2.14	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	6.00	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	4.73	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	1.69	ND	ND	ND	ND	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	1.78	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	2.50	ND	ND		
09/21/1999	FMETL	ND	ND	1.91	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	25.08	ND	ND		
03/01/2000	FMETL	ND	ND	2.17	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.11	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/20/2000D	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	1.72	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 09/11/2001

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PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

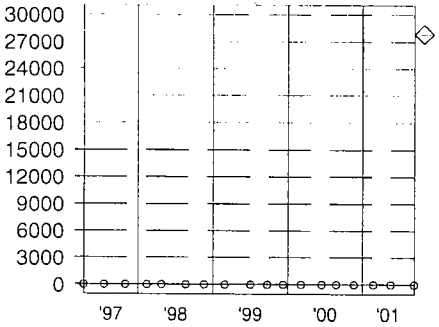
Fort Monmouth

GW Monitoring
Streams

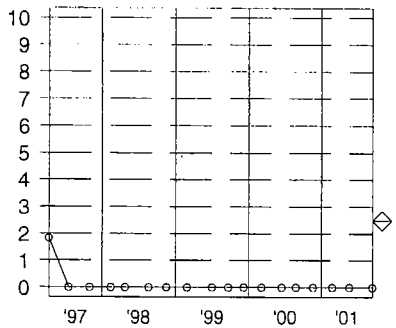
Source 5 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

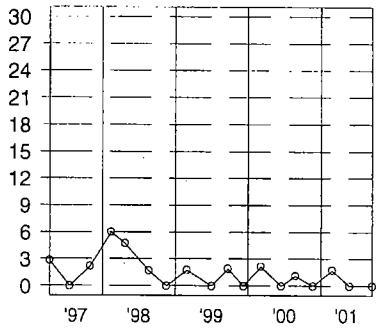
Ethylbenzene
(ug/l)



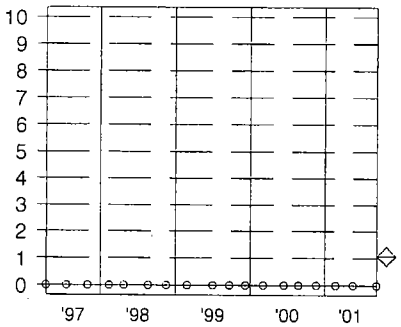
Methylene Chloride
(ug/l)



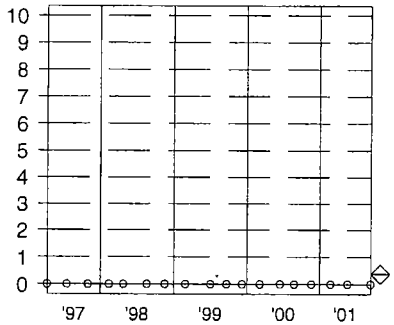
cis-1,2-Dichloroethene
(ug/l)



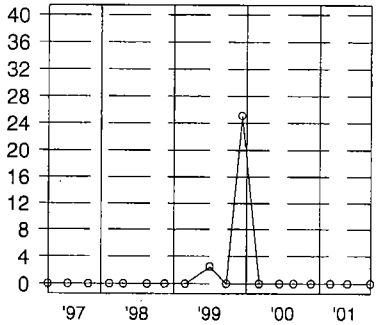
Trichloroethene
(ug/l)



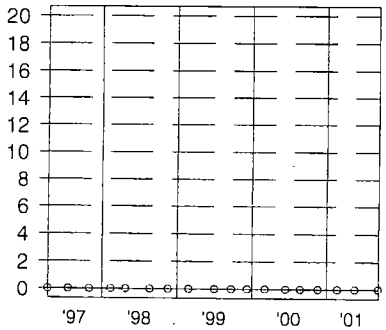
Tetrachloroethene
(ug/l)



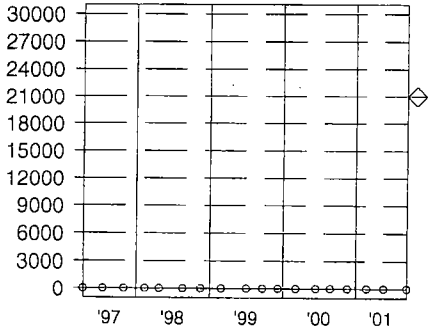
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	18.72	1.58	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	14.13	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	18.23	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	24.71	2.14	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	21.66	1.82	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	11.73	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	8.82	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	9.11	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	5.77	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	15.62	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	11.90	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	11.01	ND	ND	ND	1.64	ND		
06/12/2000	FMETL	ND	ND	8.03	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	9.08	ND	ND	ND	ND	ND		
08/24/2000D	FMETL	ND	ND	8.70	ND	ND	6.22	ND	ND		
11/20/2000	FMETL	ND	ND	5.34	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	8.26	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	5.21	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 09/25/2001

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Page 1 of1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

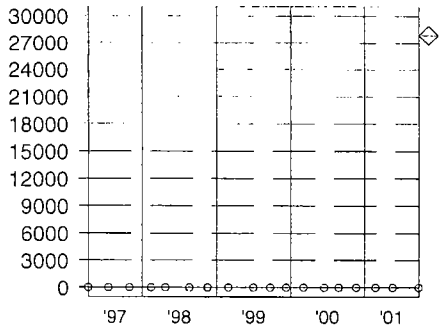
Fort Monmouth

GW Monitoring
Streams

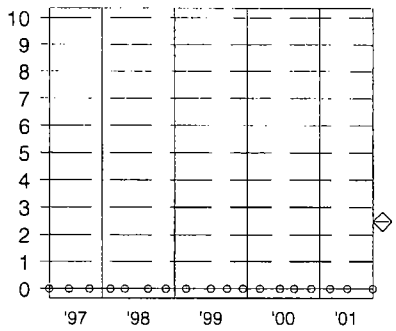
Source 6 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

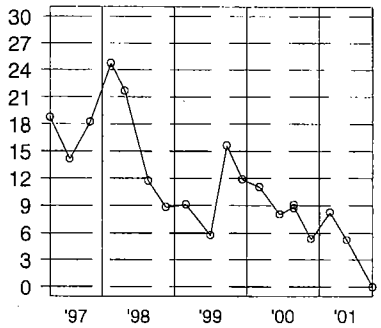
Ethylbenzene
(ug/l)



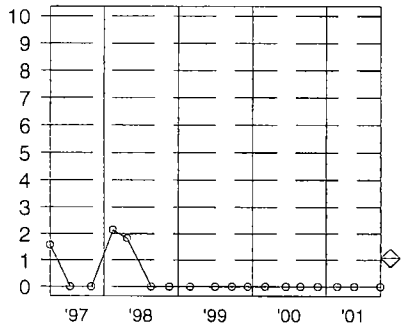
Methylene Chloride
(ug/l)



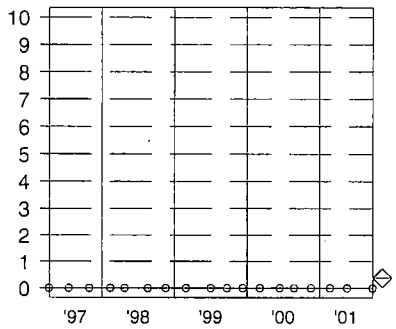
cis-1,2-Dichloroethene
(ug/l)



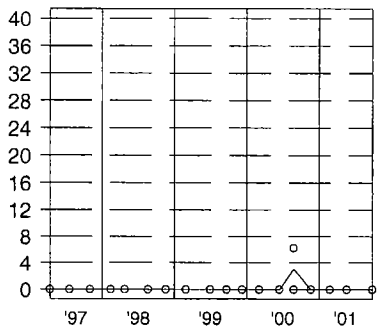
Trichloroethene
(ug/l)



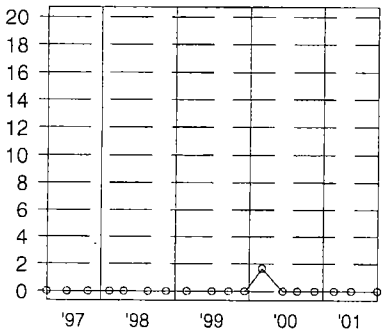
Tetrachloroethene
(ug/l)



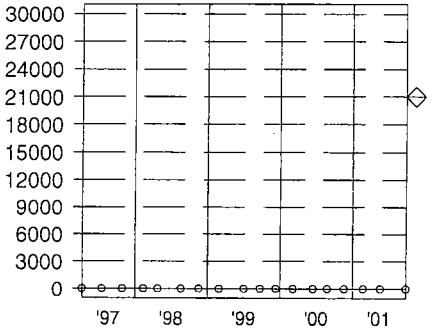
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	6.63	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	5.67	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	6.54	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	4.58	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	2.48	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	1.80	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	1.39	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	3.67	ND	ND	9.54	ND	ND		
12/09/1999	FMETL	ND	ND	2.74	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	3.13	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.00	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	1.87	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	1.89	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.66	ND	ND	ND	ND	ND		-
05/16/2001D	FMETL	ND	ND	1.72	ND	ND	ND	ND	ND		-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 09/11/2001

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Page 1 of 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

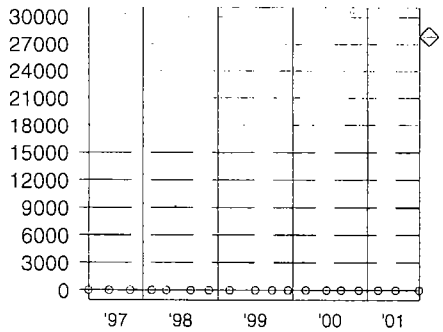
Fort Monmouth

GW Monitoring
Streams

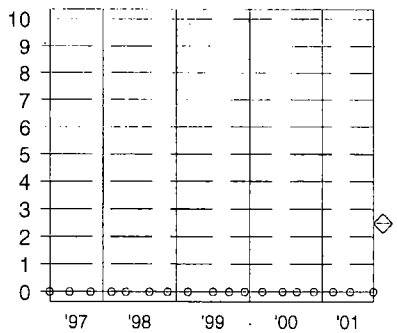
Source 7 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

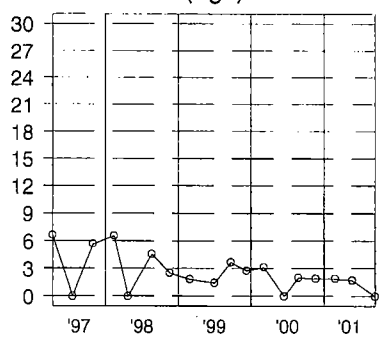
Ethylbenzene
(ug/l)



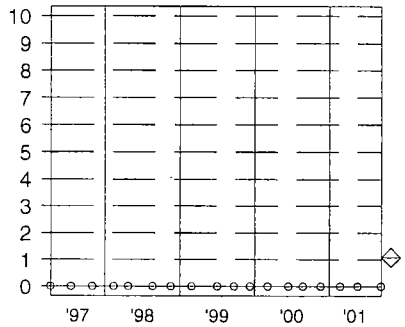
Methylene Chloride
(ug/l)



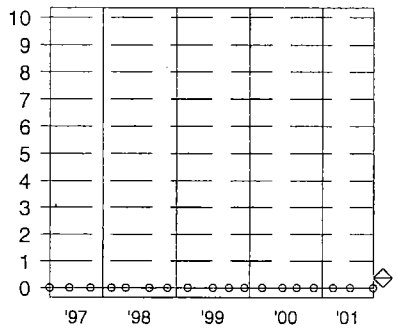
cis-1,2-Dichloroethene
(ug/l)



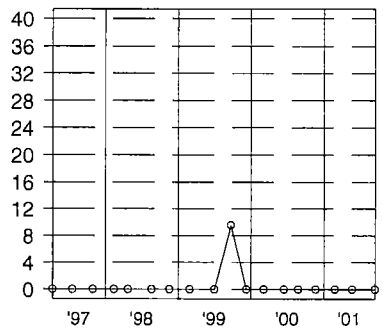
Trichloroethene
(ug/l)



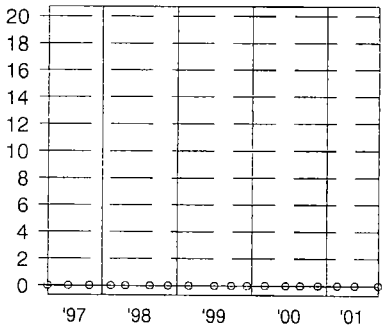
Tetrachloroethene
(ug/l)



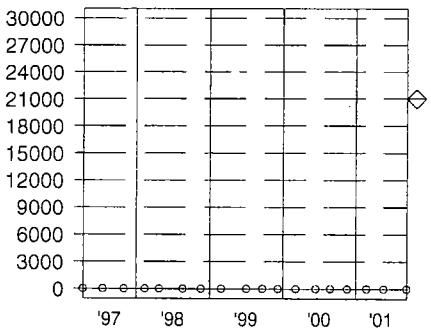
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-01-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	1.91	ND	ND	ND	2.81	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	3.94	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.35	1.40	6.92	ND	2.40	ND		
06/12/2000	FMETL	ND	ND	ND	ND	5.56	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.17	1.78	5.40	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	6.58	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 09/25/2001

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Page 1 of 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

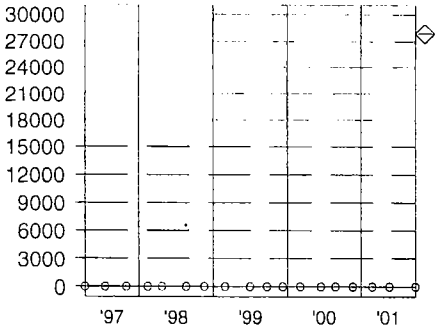
Fort Monmouth

GW Monitoring
Streams

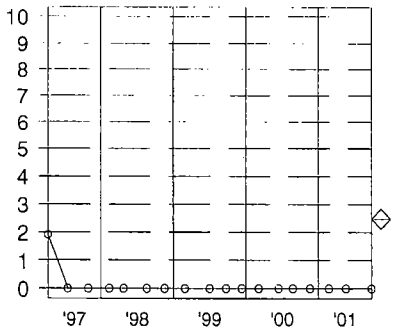
Source 8 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

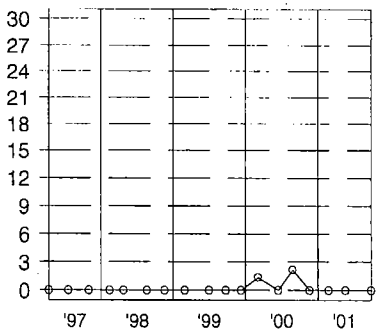
Ethylbenzene
(ug/l)



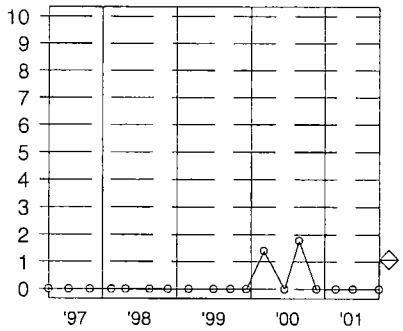
Methylene Chloride
(ug/l)



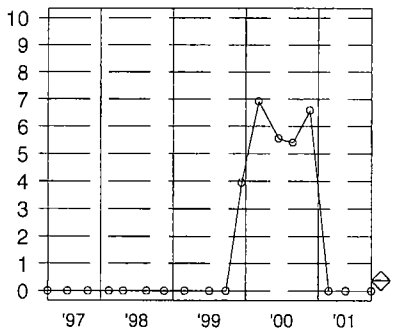
cis-1,2-Dichloroethene
(ug/l)



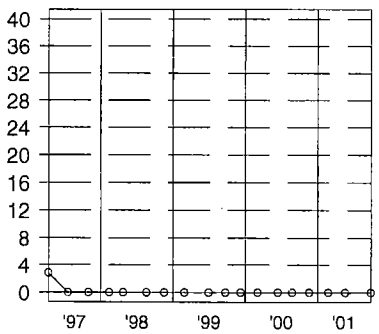
Trichloroethene
(ug/l)



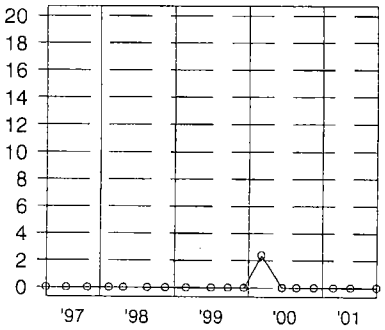
Tetrachloroethene
(ug/l)



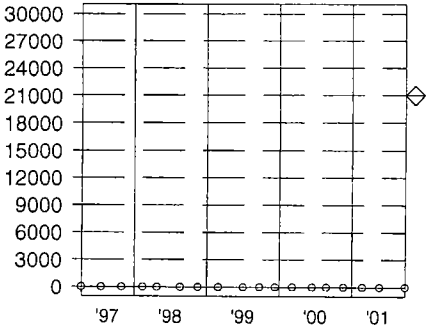
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-01-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	3.94	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	1.59	1.75	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	ND	3.32	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	11.26	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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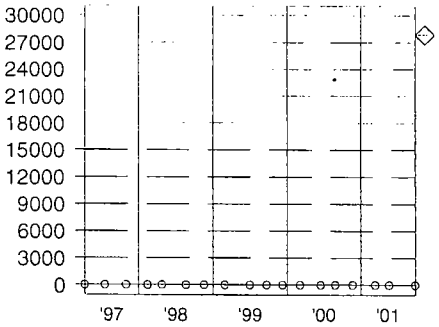
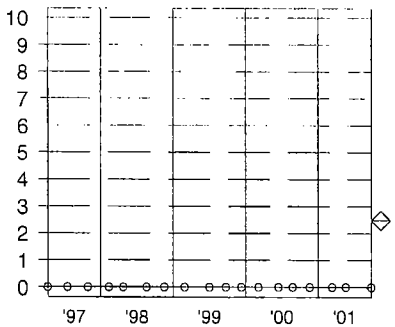
FORT MONMOUTH
SELFM-PW-EV

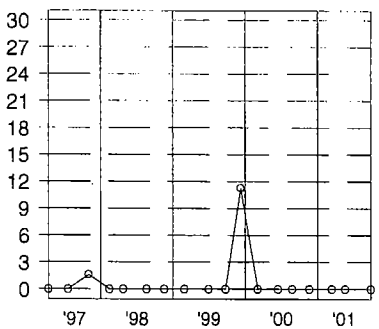
Ethylbenzene
(ug/l)



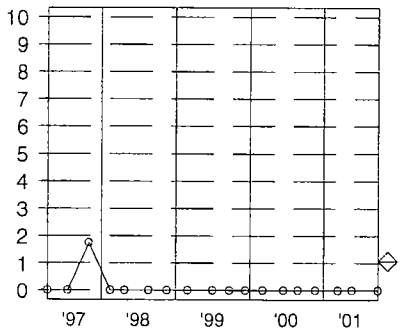
Methylene Chloride
(ug/l)



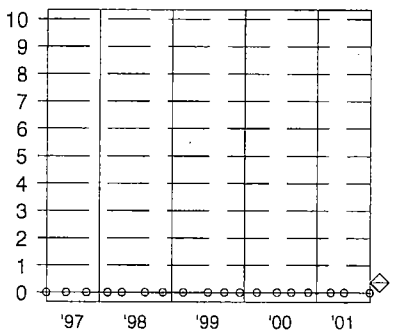
cis-1,2-Dichloroethene
(ug/l)



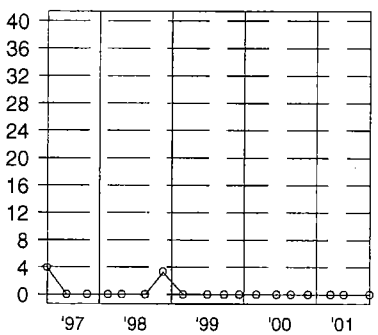
Trichloroethene
(ug/l)



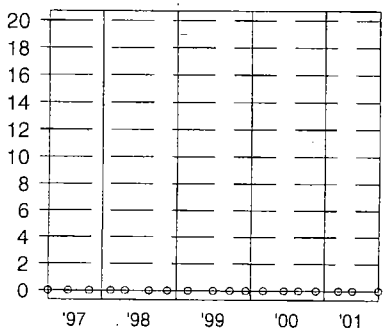
Tetrachloroethene
(ug/l)



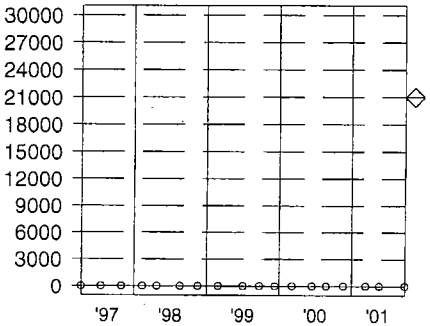
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

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FORT MONMOUTH
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	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	2.69	1.60	6.00	ND	ND	ND		
07/17/1997	FMETL	ND	ND	5.53	2.50	7.12	ND	ND	ND		
10/30/1997	FMETL	ND	ND	2.57	ND	2.72	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	1.03	6.90	ND	ND	ND		
04/21/1998	FMETL	ND	ND	1.22	1.21	5.72	ND	ND	ND		
08/19/1998	FMETL	ND	ND	3.89	2.06	5.39	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	7.33	ND	ND	ND		
06/29/1999	FMETL	ND	ND	4.17	2.40	7.86	ND	ND	ND		
09/21/1999	FMETL	ND	ND	3.59	1.37	2.61	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	4.08	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.39	1.39	6.95	ND	2.38	ND		
06/12/2000	FMETL	ND	ND	ND	ND	5.94	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.02	1.09	5.20	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	6.29	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	7.19	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.50	ND	6.64	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

Fort Monmouth

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Streams

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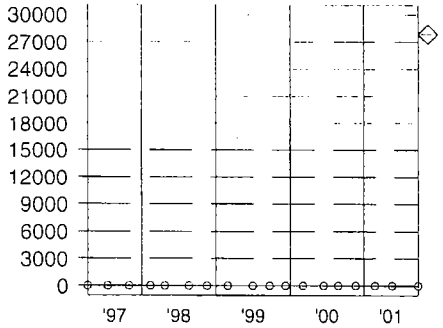
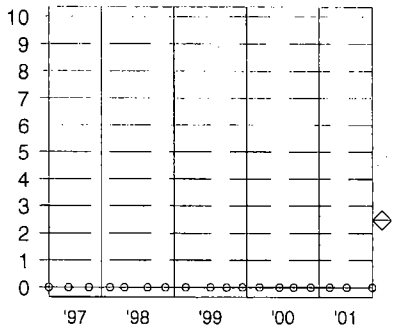
FORT MONMOUTH
SELFM-PW-EV

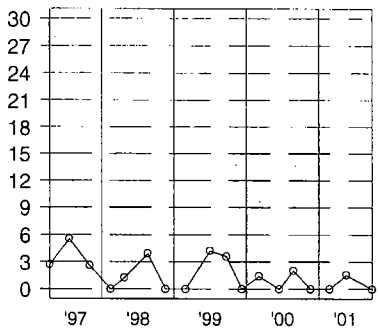
Ethylbenzene
(ug/l)



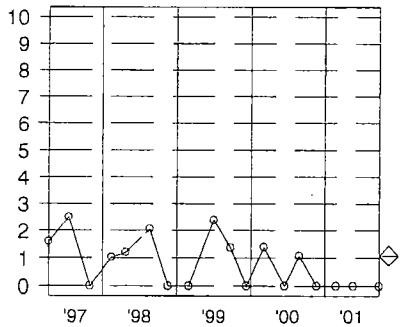
Methylene Chloride
(ug/l)



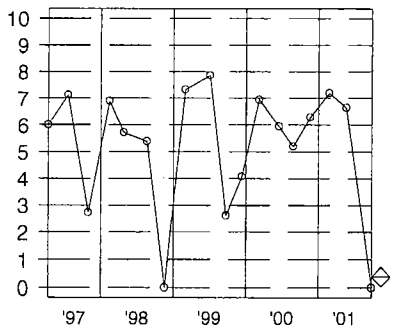
cis-1,2-Dichloroethene
(ug/l)



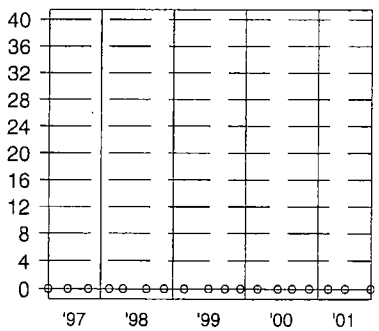
Trichloroethene
(ug/l)



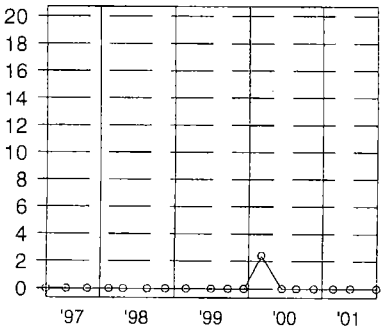
Tetrachloroethene
(ug/l)



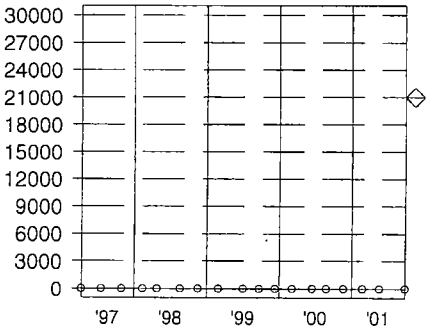
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

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FORT MONMOUTH
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	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	2.05	1.26	4.47	ND	ND	ND		
07/17/1997	FMETL	ND	ND	2.55	ND	4.72	ND	ND	ND		
10/30/1997	FMETL	ND	ND	1.76	ND	1.86	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	6.23	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	4.58	ND	ND	ND		
08/19/1998	FMETL	ND	ND	2.94	1.63	4.33	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	1.48	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	6.06	ND	ND	ND		
06/29/1999	FMETL	ND	ND	3.56	2.25	7.70	ND	ND	ND		
09/22/1999	FMETL	ND	ND	2.74	ND	2.63	ND	ND	ND		
12/09/1999	FMETL	ND	ND	1.79	ND	4.13	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.28	1.27	6.47	ND	2.33	ND		
06/12/2000	FMETL	ND	ND	ND	ND	3.74	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.68	1.28	4.47	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	4.49	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	6.25	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.23	ND	4.91	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

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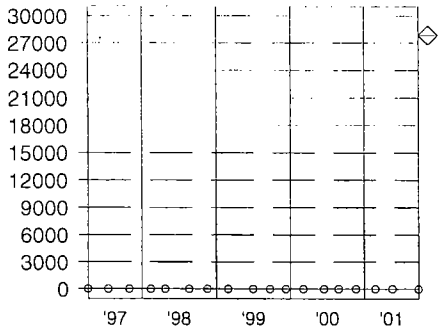
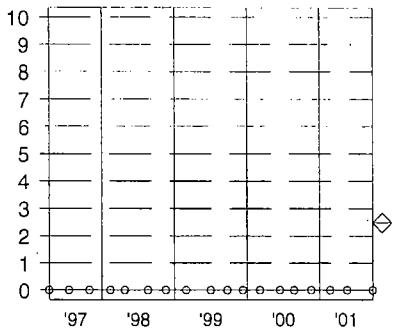
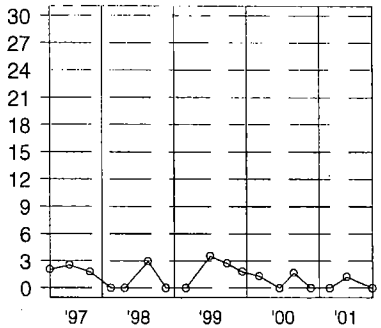
Ethylbenzene
(ug/l)



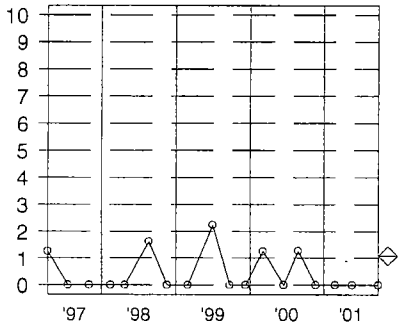
Methylene Chloride
(ug/l)



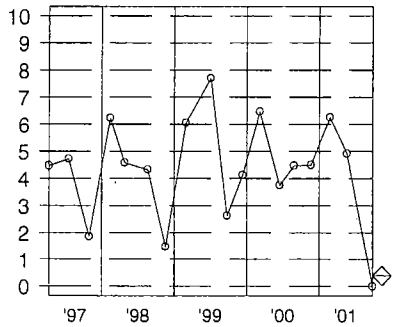
cis-1,2-Dichloroethene
(ug/l)



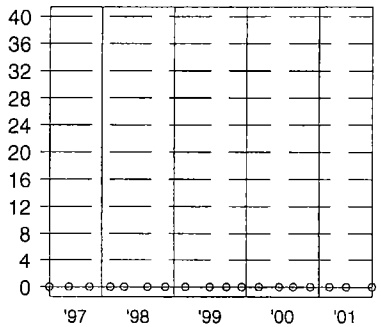
Trichloroethene
(ug/l)



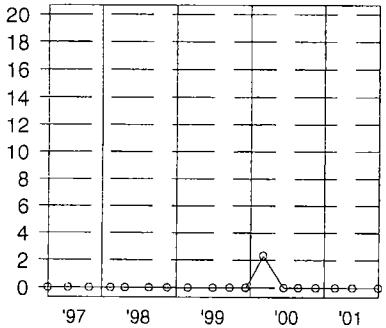
Tetrachloroethene
(ug/l)



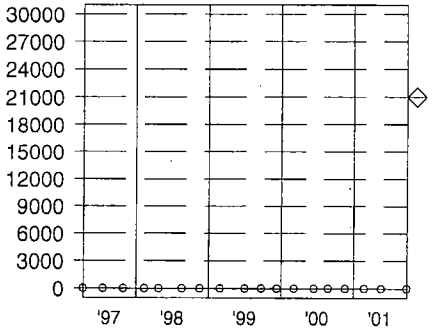
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	1.97	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	1.59		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	4.43	2.12	5.09	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	1.09	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

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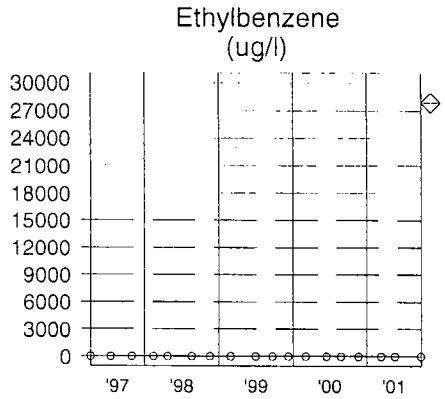
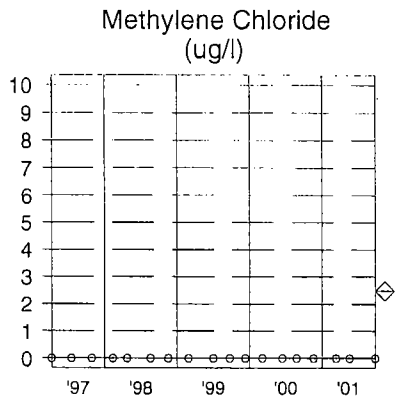
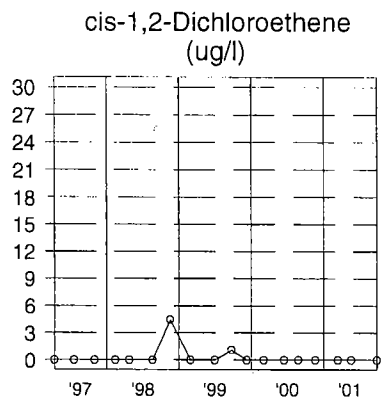
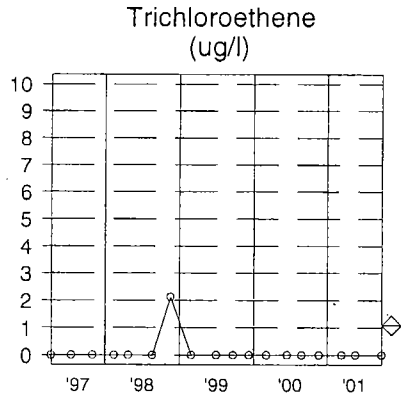
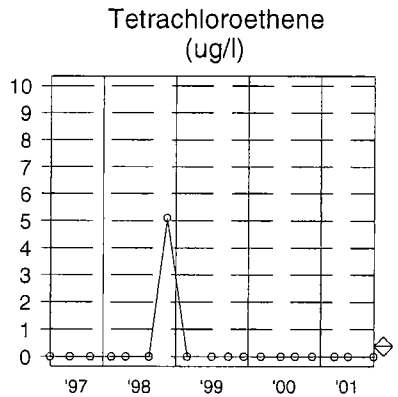
FORT MONMOUTH
SELFM-PW-EV

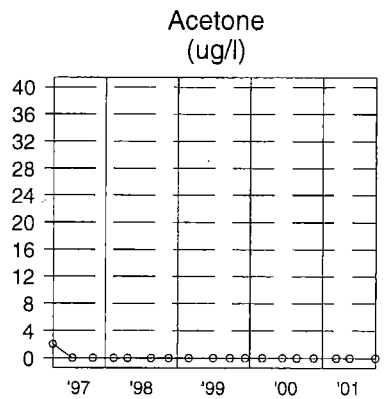


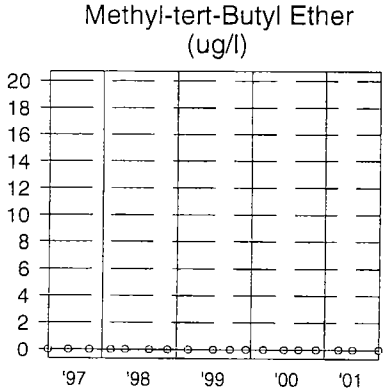


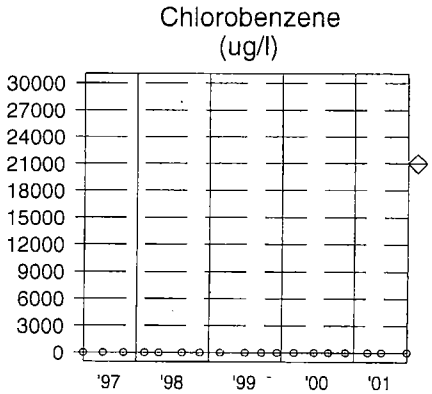












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SELFM-PW-EV

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	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	1.06	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	5.87	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	14.36	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	4.65	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	3.18	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	3.95	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	1.47	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	4.67	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	4.90	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	5.57	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.46	ND	ND	15.24	ND	ND		
11/20/2000	FMETL	ND	ND	1.80	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	4.10	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.45	ND	ND	ND	ND	ND		-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/11/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 09/11/2001

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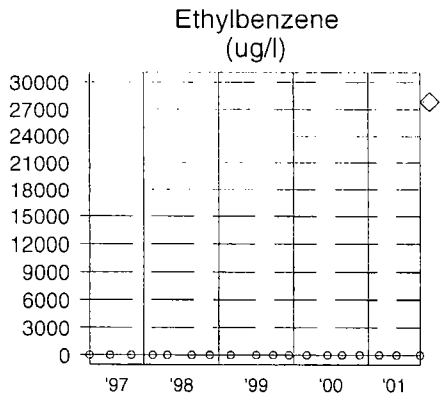
Page 1 of 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

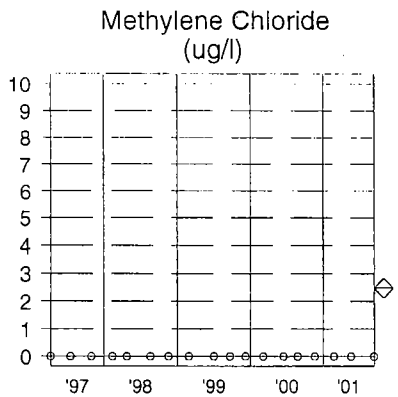
Fort Monmouth

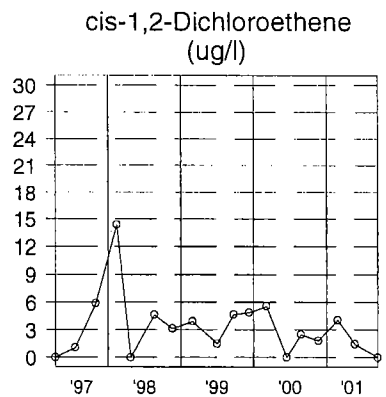
GW Monitoring
Streams

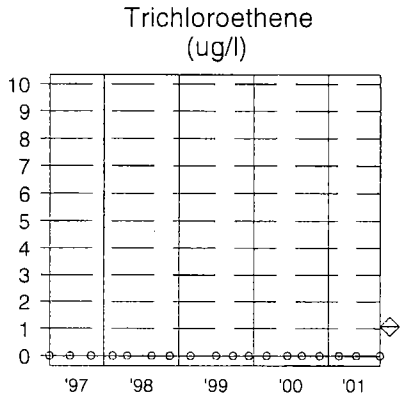
Source 13 of 23

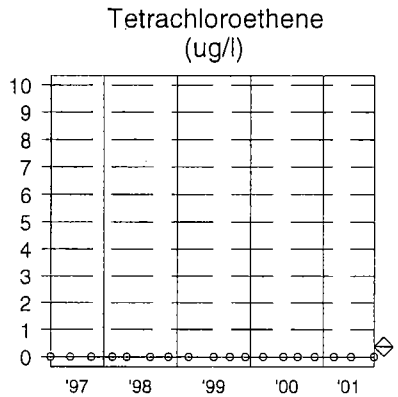
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

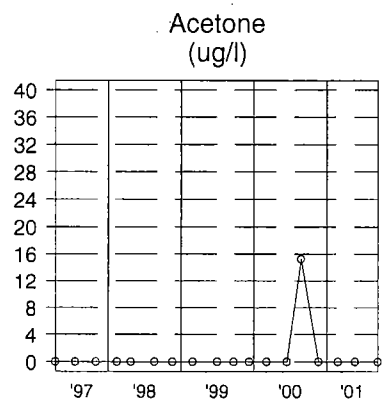


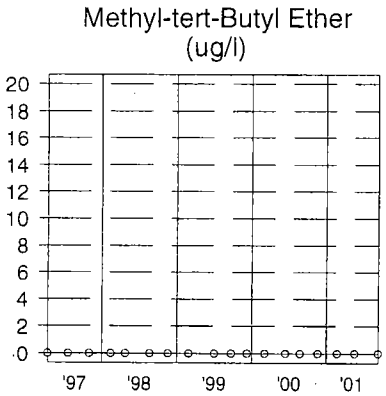


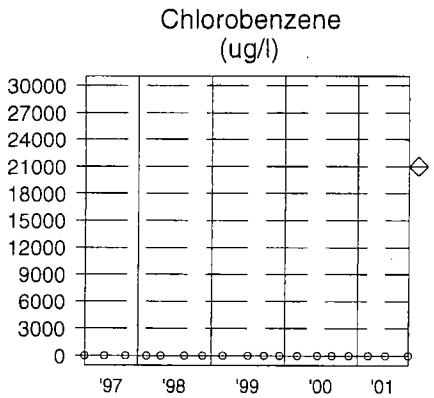












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04/08/1997 - 09/11/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-01-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	6.44	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	4.69	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	8.22	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	6.86	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	2.95	ND	ND	ND	ND	ND		
11/17/1998	FMETL	ND	ND	2.3	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	2.30	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	3.53	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	2.60	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	2.92	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.07	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	2.99	ND	ND	ND	ND	ND		-
02/21/2001D	FMETL	ND	ND	3.87	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.57	ND	ND	ND	ND	ND		-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 09/11/2001

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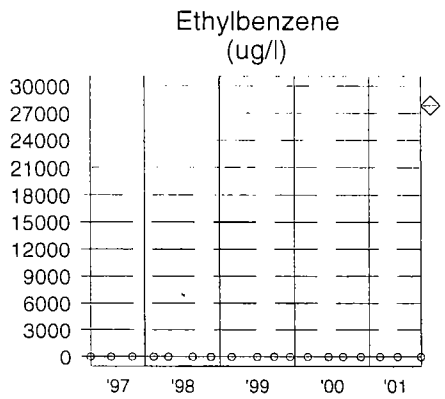
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

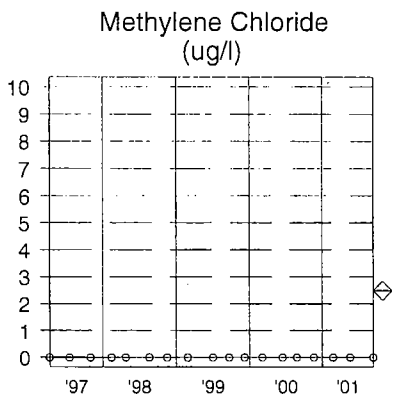
Fort Monmouth

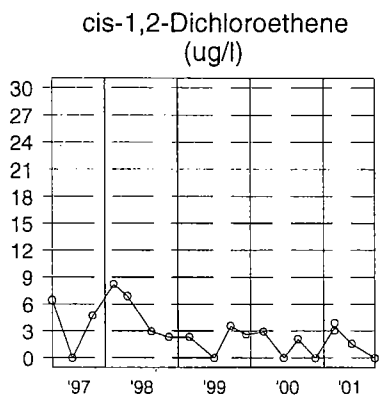
GW Monitoring
Streams

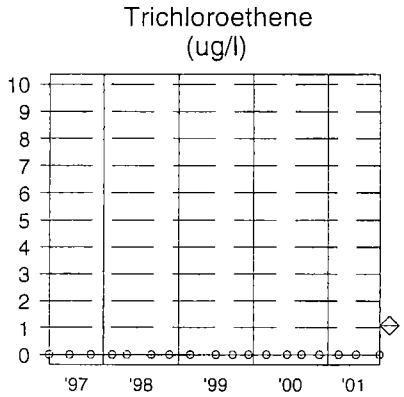
Source 14 of 23

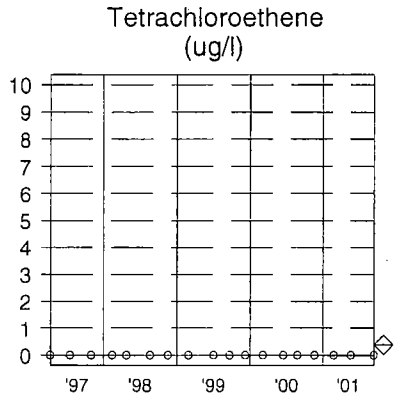
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

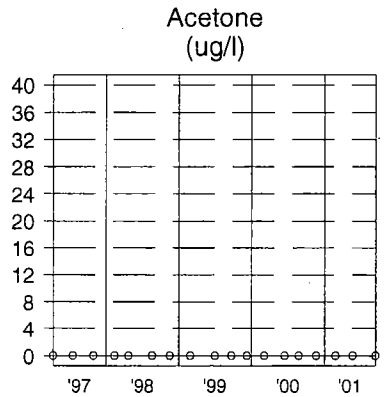


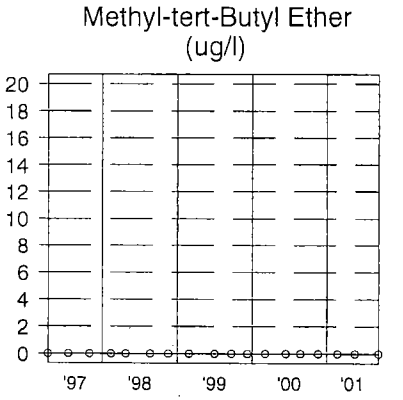


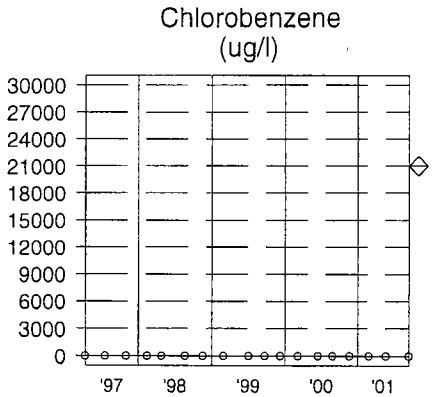












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04/08/1997 - 09/11/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	2.18	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	2.63	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	4.85	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	5.70	ND		
09/21/1999	FMETL	ND	ND	ND	ND	ND	ND	2.10	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	6.38	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	2.58	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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Page 1 of 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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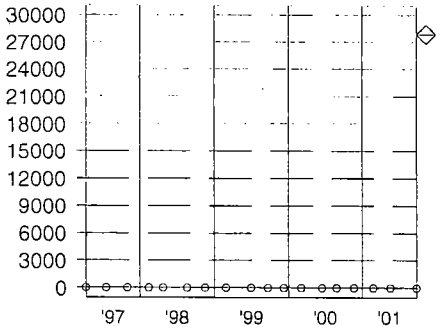
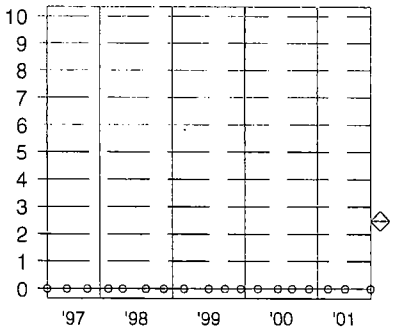
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

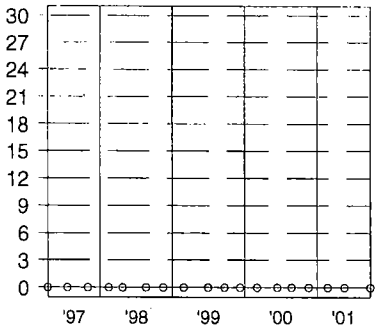
Ethylbenzene
(ug/l)



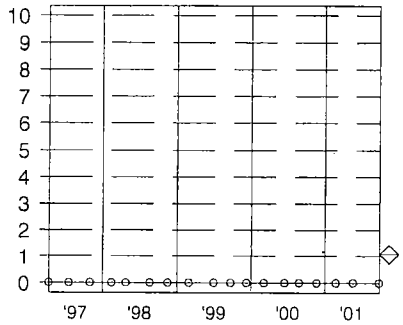
Methylene Chloride
(ug/l)



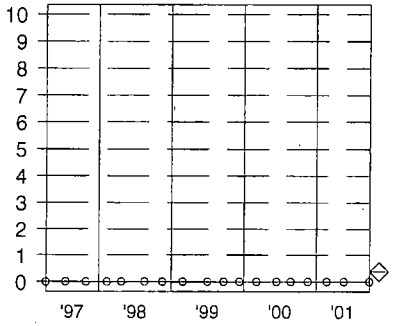
cis-1,2-Dichloroethene
(ug/l)



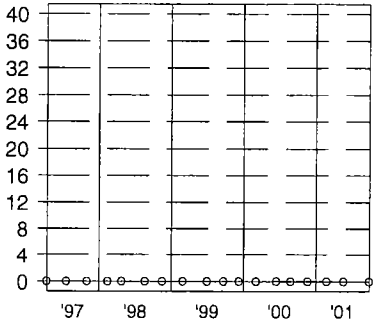
Trichloroethene
(ug/l)



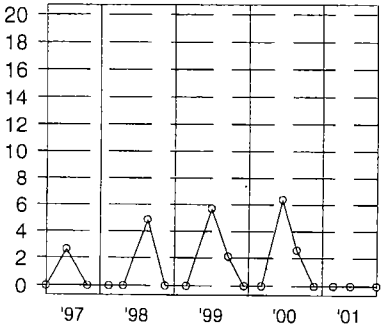
Tetrachloroethene
(ug/l)



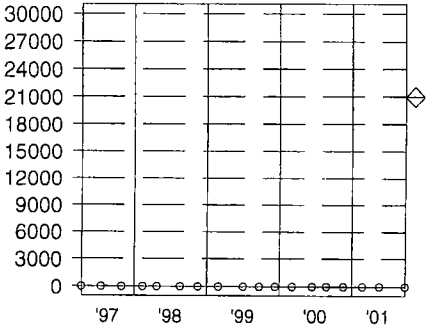
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 09/25/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	2.90	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	4.71	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	7.40	ND		
09/21/1999	FMETL	ND	ND	1.17	ND	ND	ND	2.24	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	27.52	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	4.56	2.67	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	1.76	ND		-

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04/08/1997 - 09/11/2001

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Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

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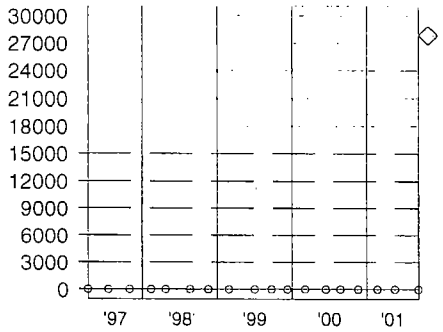
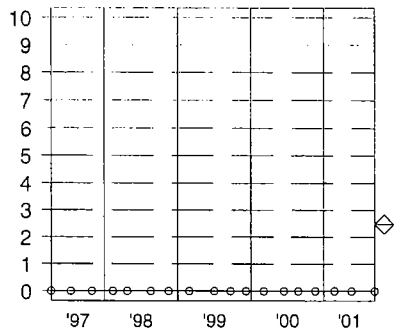
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

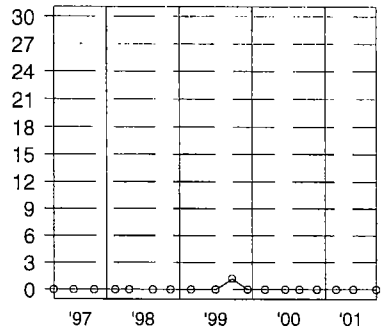
Ethylbenzene
(ug/l)



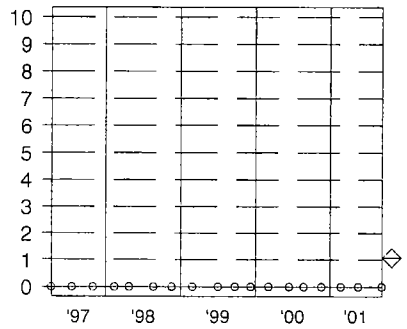
Methylene Chloride
(ug/l)



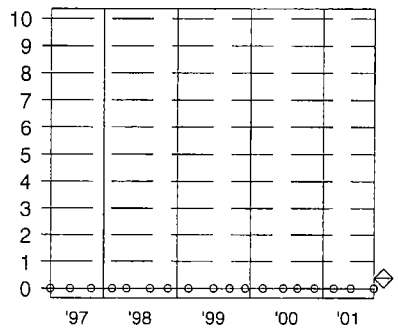
cis-1,2-Dichloroethene
(ug/l)



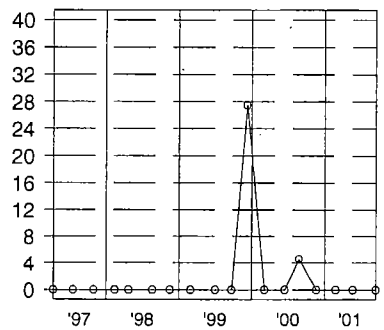
Trichloroethene
(ug/l)



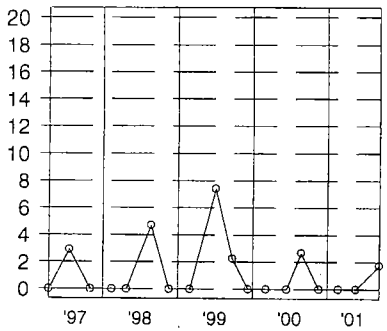
Tetrachloroethene
(ug/l)



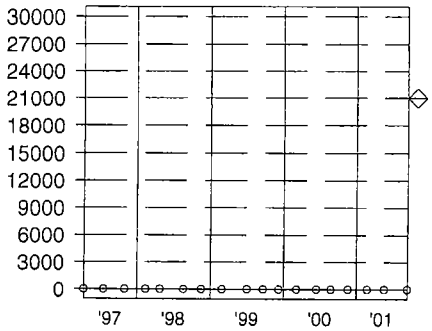
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 09/11/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	4.26	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	4.50	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	8.30	ND		
09/21/1999	FMETL	ND	ND	ND	ND	ND	ND	0.82	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	32.77	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	10.26	ND		
06/12/2000D	FMETL	ND	ND	ND	ND	ND	ND	10.66	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	5.53	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	3.53	ND		-

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04/08/1997 - 09/11/2001

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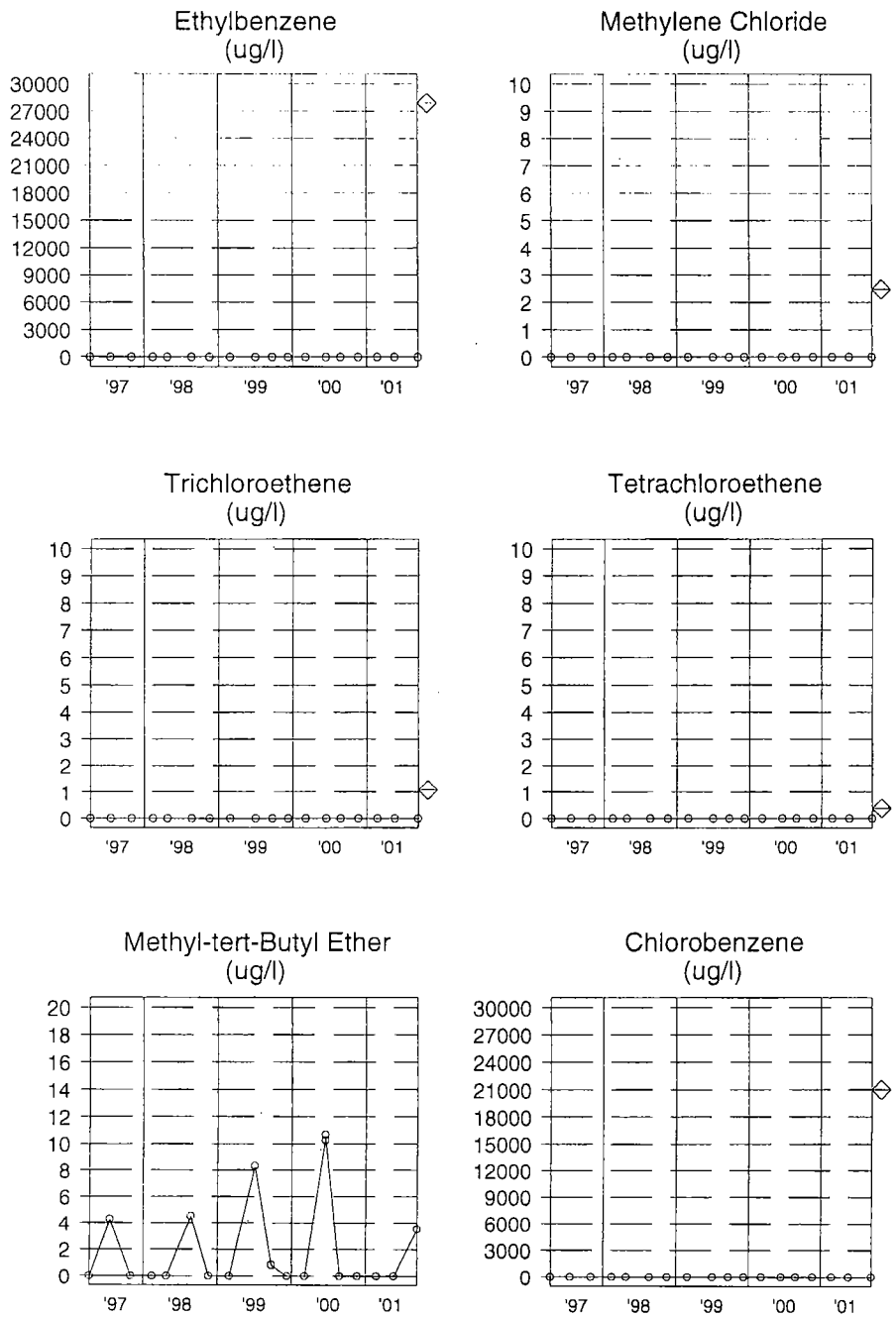
Page 1 of 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



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04/08/1997 - 09/11/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-01-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	5.60	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.24	1.82	5.18	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	6.29	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	4.78	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.73	ND	6.41	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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06/12/2000 - 09/25/2001

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Page 1 of 1
Stream 23 is Fresh-Water

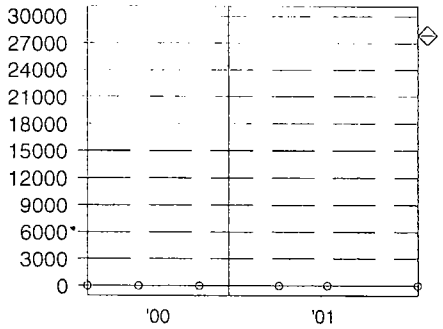
Fort Monmouth

GW Monitoring
Streams

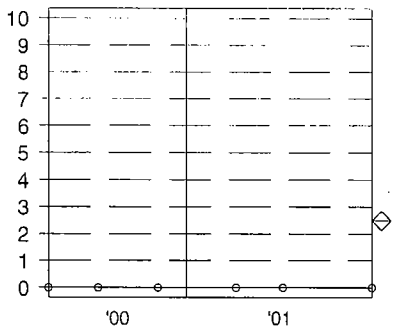
Source 18 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

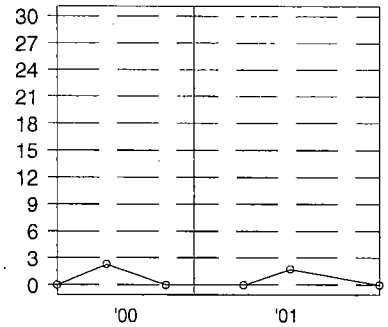
Ethylbenzene
(ug/l)



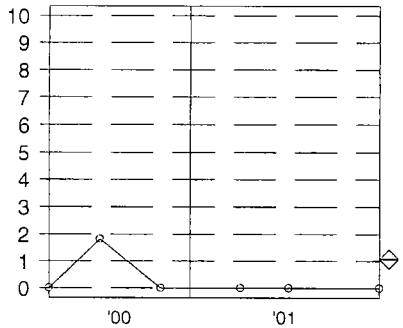
Methylene Chloride
(ug/l)



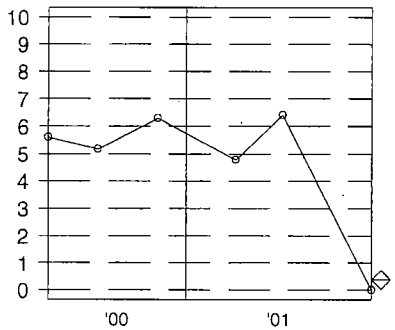
cis-1,2-Dichloroethene
(ug/l)



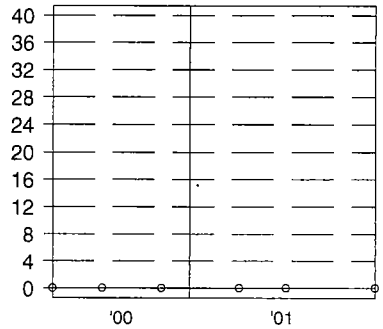
Trichloroethene
(ug/l)



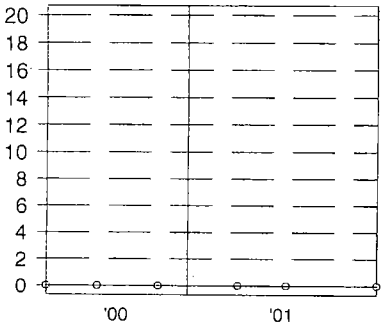
Tetrachloroethene
(ug/l)



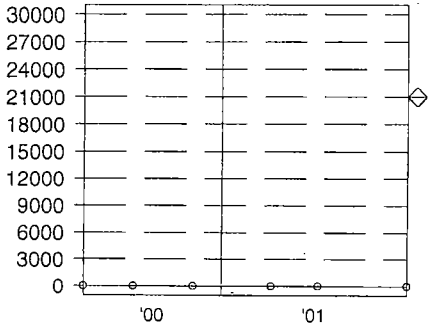
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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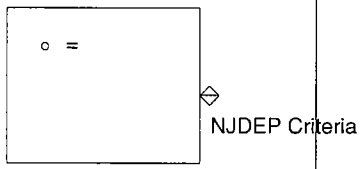
06/12/2000 - 09/25/2001



Fort Monmouth

GW Monitoring
Streams

Source 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	4.72	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.54	1.41	4.33	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	4.41	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	4.76	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.37	ND	5.12	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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06/12/2000 - 09/25/2001

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Page 1 of 2
Stream 24 is Fresh-Water

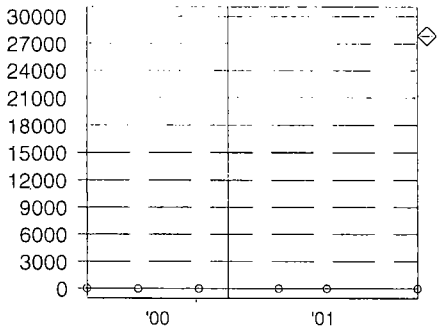
Fort Monmouth

GW Monitoring
Streams

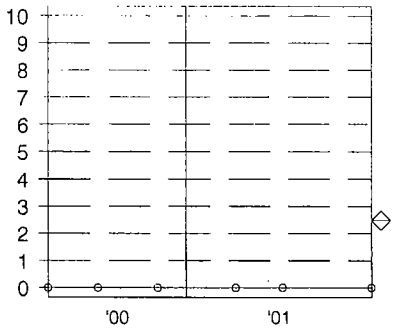
Source 19 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

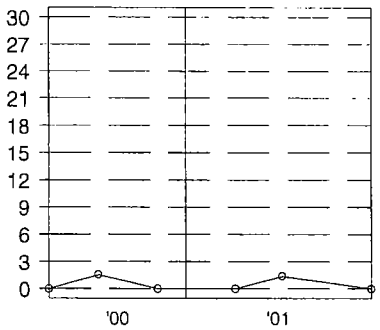
Ethylbenzene
(ug/l)



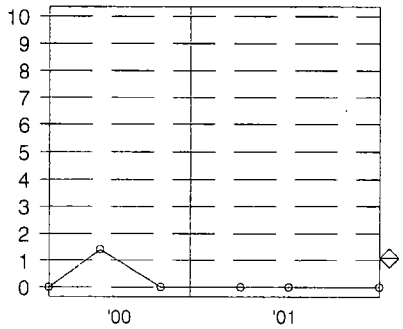
Methylene Chloride
(ug/l)



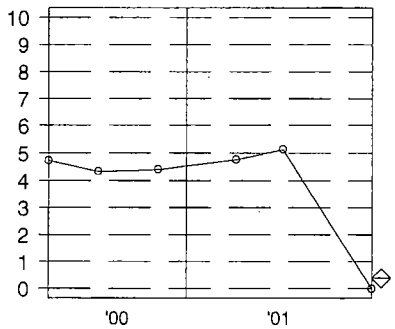
cis-1,2-Dichloroethene
(ug/l)



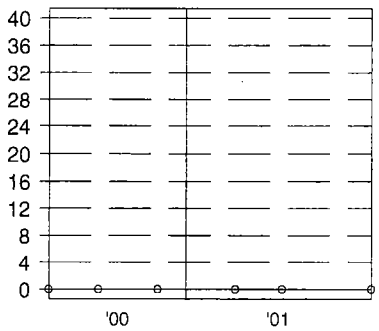
Trichloroethene
(ug/l)



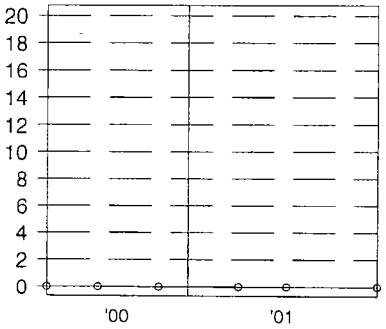
Tetrachloroethene
(ug/l)



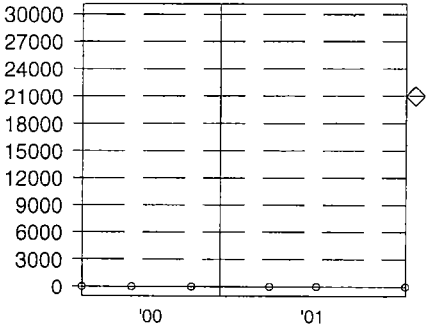
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 09/25/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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06/12/2000 - 09/25/2001

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Page 1 of 1
Stream 25 is Salt-Water.

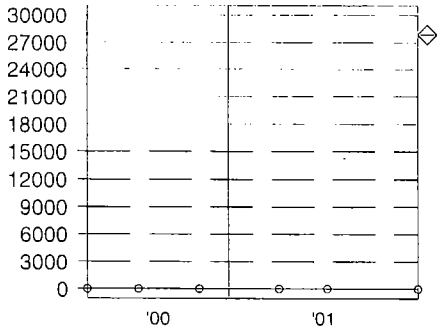
Fort Monmouth

GW Monitoring
Streams

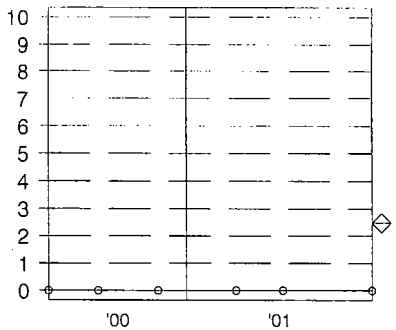
Source 20 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

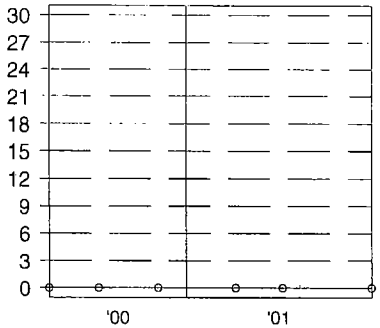
Ethylbenzene
(ug/l)



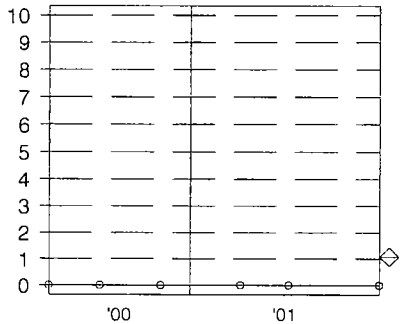
Methylene Chloride
(ug/l)



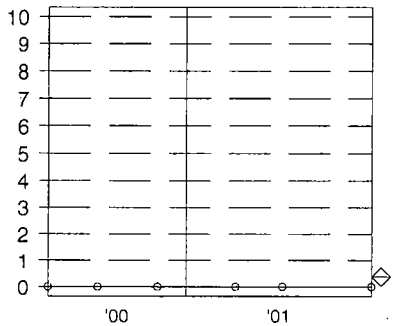
cis-1,2-Dichloroethene
(ug/l)



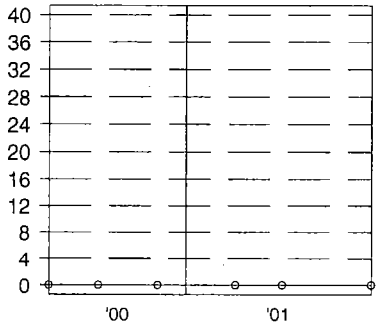
Trichloroethene
(ug/l)



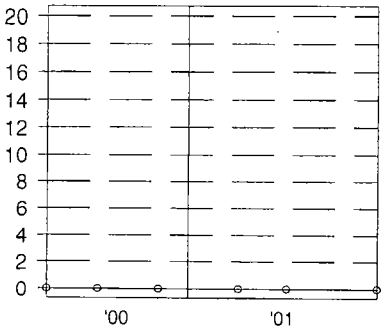
Tetrachloroethene
(ug/l)



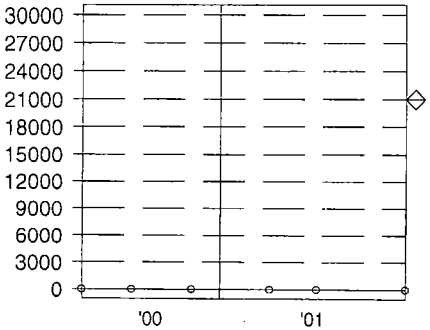
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 09/25/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-01-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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06/12/2000 - 09/25/2001

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Stream 26 is Fresh-Water

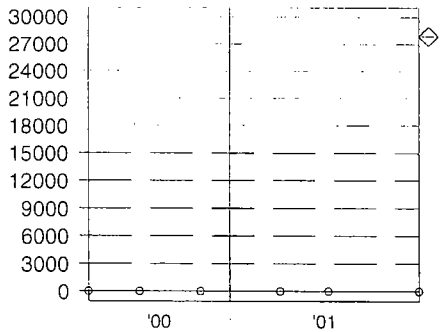
Fort Monmouth

GW Monitoring
Streams

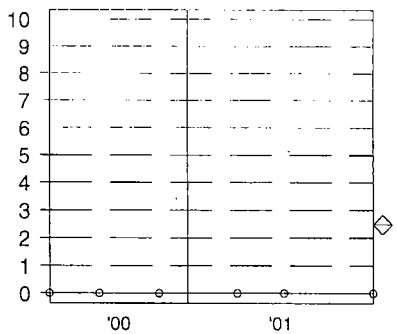
Source 21 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

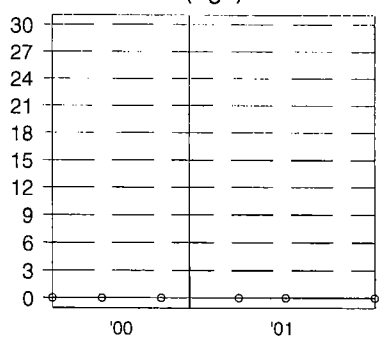
Ethylbenzene
(ug/l)



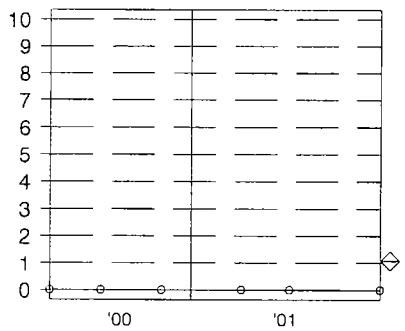
Methylene Chloride
(ug/l)



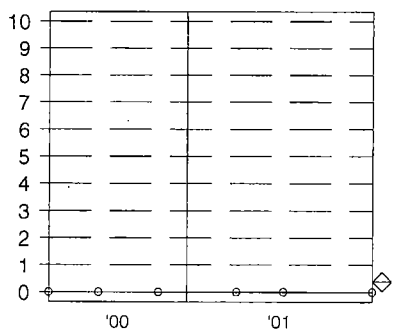
cis-1,2-Dichloroethene
(ug/l)



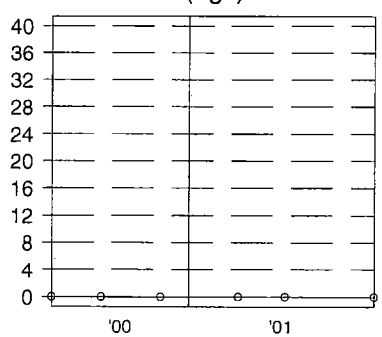
Trichloroethene
(ug/l)



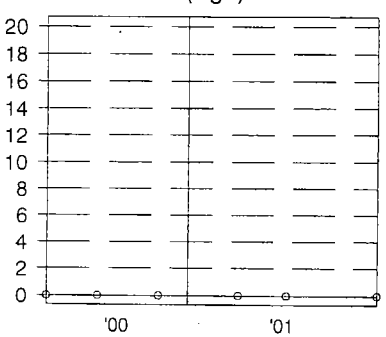
Tetrachloroethene
(ug/l)



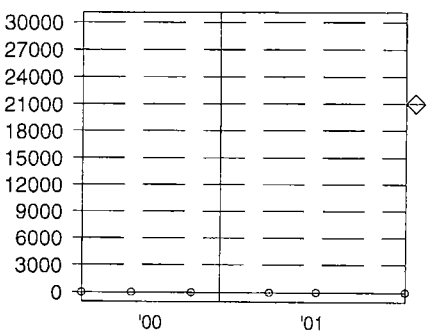
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 09/25/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-01-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	1.72	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	1.87	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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06/12/2000 - 09/25/2001

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Page 1 of 1
Stream 27 is Salt Water.

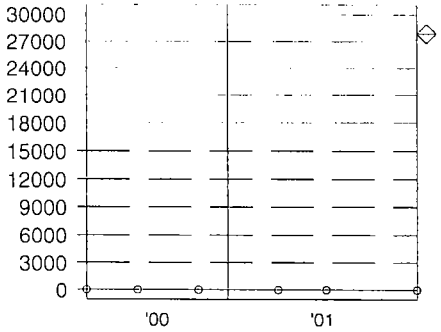
Fort Monmouth

GW Monitoring
Streams

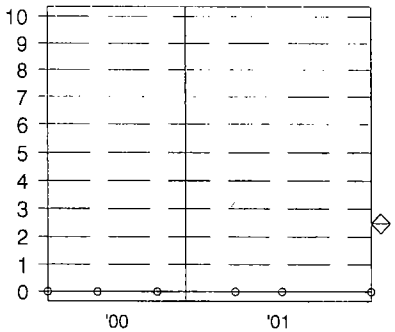
Source 22 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

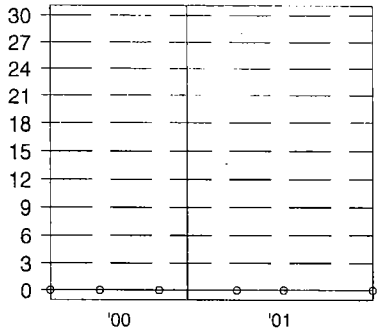
Ethylbenzene
(ug/l)



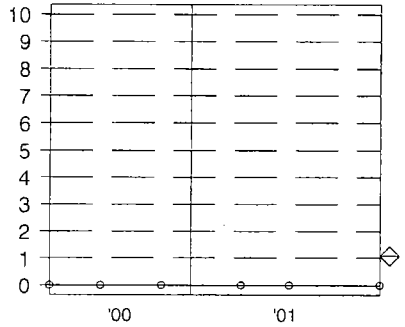
Methylene Chloride
(ug/l)



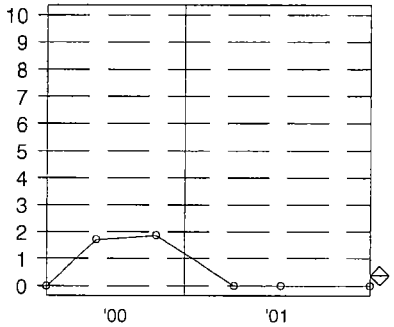
cis-1,2-Dichloroethene
(ug/l)



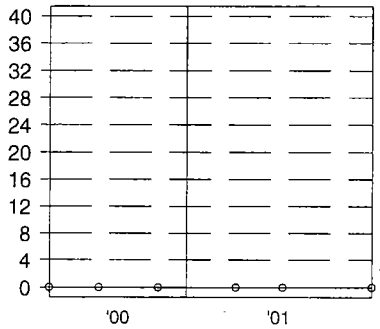
Trichloroethene
(ug/l)



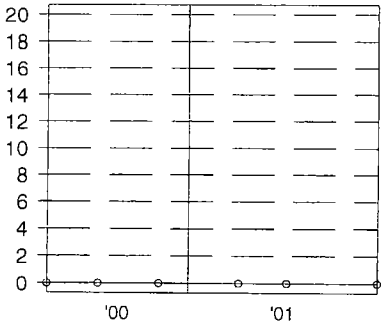
Tetrachloroethene
(ug/l)



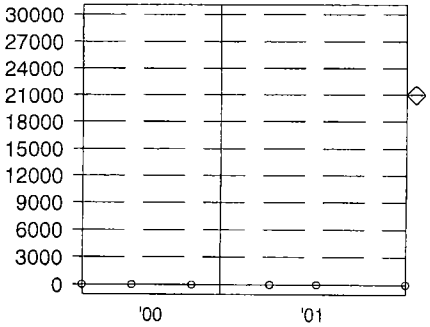
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 09/25/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-01-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.28	1.07	3.67	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	3.60	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	2.56	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	2.77	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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06/12/2000 - 09/25/2001

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Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

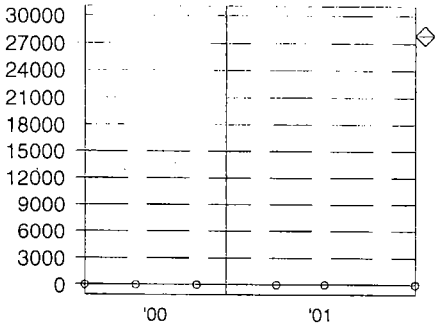
Fort Monmouth

GW Monitoring
Streams

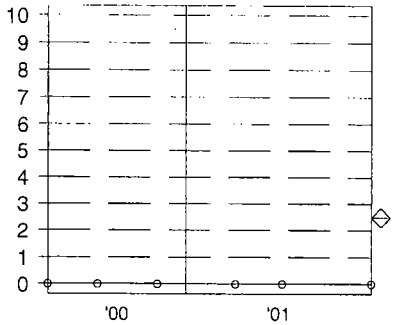
Source 23 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

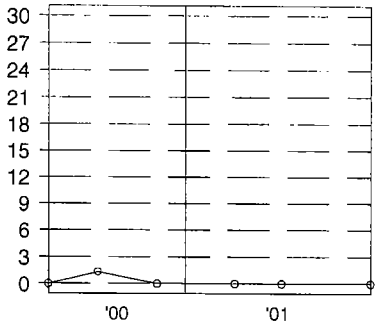
Ethylbenzene
(ug/l)



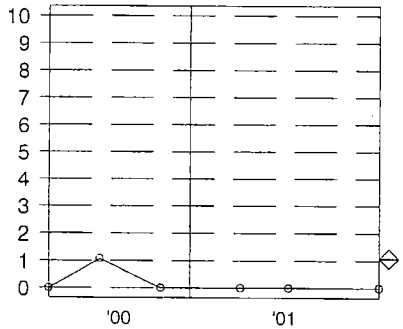
Methylene Chloride
(ug/l)



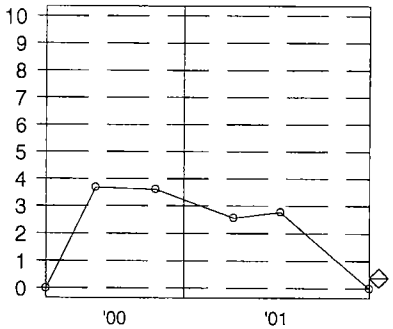
cis-1,2-Dichloroethene
(ug/l)



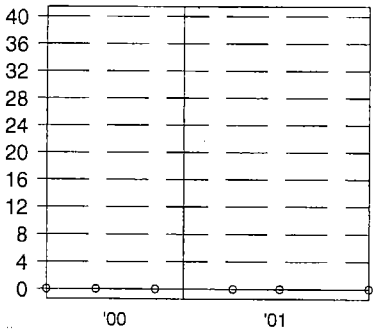
Trichloroethene
(ug/l)



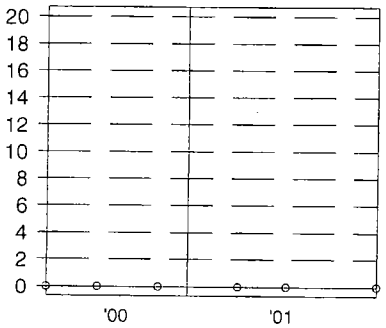
Tetrachloroethene
(ug/l)



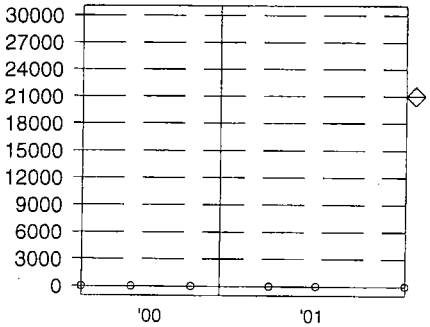
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 09/25/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

11-01-2001 x:\mtech46\fm\streams\gw\streams.wsf

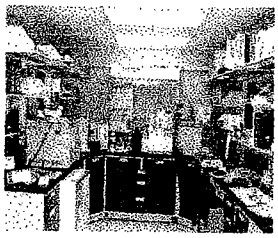
FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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: 4th QTR Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	1657904	Aqueous	14-Nov-01 08:00	11/14/01
Stream Site #21	1657905	Aqueous	14-Nov-01 08:10	11/14/01
Stream Site #20	1657906	Aqueous	14-Nov-01 08:15	11/14/01
Stream Site #09	1657907	Aqueous	14-Nov-01 08:25	11/14/01
Stream Site #19	1657908	Aqueous	14-Nov-01 08:31	11/14/01
Stream Site #12	1657909	Aqueous	14-Nov-01 08:37	11/14/01
Stream Site #18	1657910	Aqueous	14-Nov-01 08:42	11/14/01
Stream Site #11	1657911	Aqueous	14-Nov-01 08:49	11/14/01
Stream Site #15	1657912	Aqueous	14-Nov-01 08:57	11/14/01
Stream Site #13	1657926	Aqueous	14-Nov-01 11:05	11/14/01
Stream Site #16	1657915	Aqueous	14-Nov-01 09:22	11/14/01
Stream Site #05	1657920	Aqueous	14-Nov-01 10:10	11/14/01
Stream Site #04	1657919	Aqueous	14-Nov-01 09:52	11/14/01
Stream Site #07	1657917	Aqueous	14-Nov-01 09:36	11/14/01
Stream Site #17	1657922	Aqueous	14-Nov-01 10:26	11/14/01
Stream Site #03	1657924	Aqueous	14-Nov-01 10:43	11/14/01
Stream Site #14	1657925	Aqueous	14-Nov-01 10:52	11/14/01
Stream Site #23	1657913	Aqueous	14-Nov-01 09:07	11/14/01
Stream Site #24	1657914	Aqueous	14-Nov-01 09:12	11/14/01
Stream Site #25	1657921	Aqueous	14-Nov-01 10:21	11/14/01
Stream Site #26	1657923	Aqueous	14-Nov-01 10:37	11/14/01
Stream Site #28	1657918	Aqueous	14-Nov-01 09:43	11/14/01
Stream Site #27	1657916	Aqueous	14-Nov-01 09:29	11/14/01

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, PCB's, WET CHEMISTRY

12-6-01

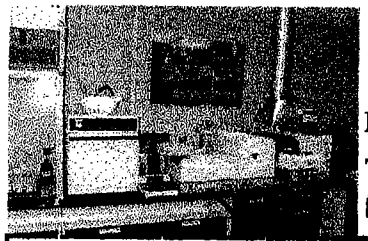
Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

SAMPLING



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallow
Phone #: X2 4223
(✓)DERA ( )OMA ( )Other: _____
Samplers Name / Company: Corey McCormack, TVS
Project No:
Location: Streams 4th Qtr '01

Comments: HCL/H_2SO_4/4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOC's	NH_3/NO_3	PO_4/SO_4	T. Coli	PCB	pH (su)	Temp (°C)	Dissolved O_2	Remarks / Preservation Method	
11579 15	Stream site # 16	11/14/01	0922	AQ	6	✓	✓	✓	✓	✓	6.59	7.66	8.57	1.005	9
16	#27		0929			✓	✓	✓	✓	✓	7.11	7.44	9.11	1.012	16
17	#7		0936			✓	✓	✓	✓	✓	6.42	7.31	8.99	1.011	15
18	#28		0943			✓	✓	✓	✓	✓	6.80	7.21	8.66	1.010	14
19	#4		0952			✓	✓	✓	✓	✓	6.78	6.99	8.77	1.008	12
20	#5		1010			✓	✓	✓	✓	✓	6.72	7.71	8.71	1.006	10
21	#25		1021			✓	✓	✓	✓	✓	7.67	7.31	8.60	1.006	10
22	#17		1026			✓	✓	✓	✓	✓	7.53	7.11	8.65	1.005	9
23	#26		1037			✓	✓	✓	✓	✓	7.50	6.91	8.77	1.003	5
24	#03		1043			✓	✓	✓	✓	✓	7.42	6.77	9.34	1.003	5
25	#14		1052			✓	✓	✓	✓	✓	7.85	6.94	7.82	1.002	4
26	#13		1105			✓	✓	✓	✓	✓	7.53	8.80	9.23	1.000	0

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	11/14/01 1300	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (✓)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H → HO

print legibly

Coc.xls10/22/01

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	:	Method Detection Limit
J	:	Compound identified below detection limit
B	:	Compound found in blank
D	:	Results are from a dilution of the sample
U	:	Compound searched for but not detected
E	:	Compound exceeds calibration limit
PQL	:	Practical Quantitation Limit
NLE	:	No limit established
RT	:	Retention time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007380.D**	Sample Name	**MB**
Operator	**Skelton**	Field ID	**MB**
Date Aquired	**15-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

12/4/01 11:11 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 15Nov01**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: MB

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007380.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007381.D**	Sample Name	**1657901**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**15-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007381.D**	Sample Name	**1657901**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**15-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657901

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007381.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007382.D**	Sample Name	**1657902**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**15-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007382.D**	Sample Name	**1657902**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**15-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657902

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007382.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007383.D**	Sample Name	**1657903**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**15-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007383.D**	Sample Name	**1657903**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**15-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657903

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007383.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007384.D**	Sample Name	**1657904**
Operator	**Skelton**	Field ID	**StreamSite#22**
Date Aquired	**15-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SteamSite#22**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657904

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007384.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007387.D**	Sample Name	**1657905**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Aquired	**15-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#21**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657905

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007387.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007388.D**	Sample Name	**1657906**
Operator	**Skelton**	Field ID	**StreamSite#20**
Date Aquired	**15-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#20**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657906

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007388.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007389.D**	Sample Name	**1657907**
Operator	**Skelton**	Field ID	**StreamSite#9**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#09**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657907

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007389.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007390.D**	Sample Name	**1657908**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

12/4/01 11:12 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#19**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657908

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007390.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007391.D**	Sample Name	**1657909**
Operator	**Skelton**	Field ID	**StreamSite#12**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#12**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657909

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007391.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007392.D**	Sample Name	**1657910**
Operator	**Skelton**	Field ID	**StreamSite#18**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#18**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1657910

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007392.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007393.D**	Sample Name	**1657911**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	37525	1.93 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#11**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657911

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007393.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007394.D**	Sample Name	**1657912**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	59776	3.09 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	46357	3.49 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

12/4/01 11:10 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#15**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657912

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007394.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007395.D**	Sample Name	**1657913**
Operator	**Skelton**	Field ID	**StreamSite#23**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.73	62285	3.23 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	48264	3.64 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#23**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657913

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007395.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007396.D**	Sample Name	**1657914**
Operator	**Skelton**	Field ID	**StreamSite#24**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	58635	3.11 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	43996	3.28 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#24**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657914

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007396.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007397.D**	Sample Name	**1657915**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.74	26911	1.41 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.28	26369	2.00 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#16**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657915

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007397.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007398.D**	Sample Name	**1657916**
Operator	**Skelton**	Field ID	**StreamSite#27**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#27**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657916

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007398.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007399.D**	Sample Name	**1657917**
Operator	**Skelton**	Field ID	**StreamSite#7**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#07**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 1657917

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007399.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007400.D**	Sample Name	**1657918**
Operator	**Skelton**	Field ID	**StreamSite#28**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#28**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657918

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007400.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007401.D**	Sample Name	**1657919**
Operator	**Skelton**	Field ID	**StreamSite#4**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#04**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657919

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007401.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007402.D**	Sample Name	**1657920**
Operator	**Skelton**	Field ID	**StreamSite#5**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene	15.73	27165	1.51 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	25407	1.99 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#05**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657920

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007402.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007403.D**	Sample Name	**1657921**
Operator	**Skelton**	Field ID	**StreamSite#25**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#25**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657921

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007403.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007404.D**	Sample Name	**1657922**
Operator	**Skelton**	Field ID	**StreamSite#17**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#17**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657922

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007404.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007405.D**	Sample Name	**1657923**
Operator	**Skelton**	Field ID	**StreamSite#26**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#26**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657923

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007405.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007406.D**	Sample Name	**1657924**
Operator	**Skelton**	Field ID	**StreamSite#3**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#03**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657924

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007406.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007407.D**	Sample Name	**1657925**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#14**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657925

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007407.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC007408.D**	Sample Name	**1657926**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Aquired	**16-Nov-01**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#13**

Lab Name: FMETL NJDEP#: 13461

Project: StreamSite Case No.: 16579 Location: 4th Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 1657926

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC007408.D

Level: (low/med) LOW Date Received: 11/14/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

PCB's

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB-2637
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB 11/16
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657902
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	FIELD BLANK
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657903
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	DUPE
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657904
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #22
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657905
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 21
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657906
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 20
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657907
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 9
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657908
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 19
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657909
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 12
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657910
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 18
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657911
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657912
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 15
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657913
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657914
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 24
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657915
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/15/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 16
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657916
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 27
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657917
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 7
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657918
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 28
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657919
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 4
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657920
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 5
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657921
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 25
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657922
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 17
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657923
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 26
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657924
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 3
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657925
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 14
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	1657926
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/14/01
	Bldg. 173	**Extraction Date:**	11/16/01
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/01
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE 13
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

WET CHEMISTRY

Stream Water Analysis
4th Quarter 2001

Sample ID	Date Sampled	Stream Site#	Temp °C	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
1657904	11/14/01	22	8.16	7.31	2.08	0.6	0.18	2060	9.23	20	ND	30
1657905	11/14/01	21	8.01	7.42	0.900	0.7	0.29	1540	9.37	60	20	30
1657906	11/14/01	20	6.69	7.86	0.853	0.4	0.22	1590	9.41	220	20	28
1657907	11/14/01	09	6.97	8.02	1.30	0.7	0.25	163	8.30	520	100	4
1657908	11/14/01	19	8.13	8.02	1.14	0.4	0.17	13.6	10.05	80	20	0
1657909	11/14/01	12	9.21	7.83	0.811	0.5	0.17	14.4	8.66	960	640	0
1657910	11/14/01	18	9.11	7.81	0.974	0.7	0.26	14.5	8.71	760	300	0
1657911	11/14/01	11	8.99	7.59	ND	0.6	0.17	13.3	10.45	820	420	0
1657912	11/14/01	15	8.42	7.23	3.04	0.6	0.20	17.0	8.67	520	60	0
1657913	11/14/01	23	8.40	7.19	2.64	0.5	0.23	18.2	8.75	360	ND	0
1657914	11/14/01	24	8.39	7.15	2.61	0.6	0.15	19.2	8.86	560	40	0
1657915	11/14/01	16	7.66	6.59	0.798	0.1	0.22	589	8.57	480	ND	9
1657916	11/14/01	27	7.44	7.11	0.549	ND	0.19	1100	9.11	620	20	16
1657917	11/14/01	07	7.31	6.92	0.450	0.6	0.16	869	8.99	660	ND	15
1657918	11/14/01	28	7.21	6.80	0.929	0.1	0.21	694	8.66	100	ND	14
1657919	11/14/01	04	6.99	6.78	0.616	ND	0.23	666	8.77	460	360	12
1657920	11/14/01	05	7.71	6.72	0.608	0.2	0.16	384	8.71	460	80	10
1657921	11/14/01	25	7.31	7.67	0.675	0.3	0.18	203	8.60	1040	140	10
1657922	11/14/01	17	7.11	7.53	0.785	0.2	0.24	221	8.65	820	160	9
1657923	11/14/01	26	6.91	7.50	0.758	0.2	0.29	270	8.77	720	220	5
1657924	11/14/01	03	6.77	7.42	0.771	ND	0.17	268	9.34	580	120	5
1657925	11/14/01	14	6.94	7.85	ND	0.7	0.36	16.5	7.82	360	100	4
1657926	11/14/01	13	8.80	7.53	0.659	0.5	0.33	19.2	9.23	260	20	0

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed: 11/26/01

Reviewed: 11/26/01

Daniel K. Wright

Laboratory Director

LTM

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	2.00	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	1.09	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

: 3

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04/08/1997 - 11/14/2001

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Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

Page 1 of 1

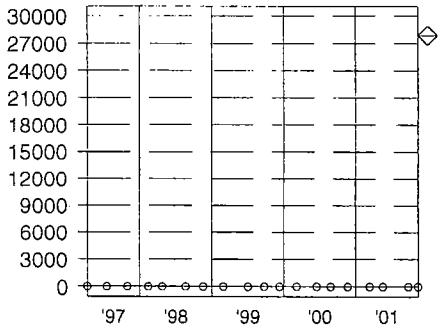
Fort Monmouth

GW Monitoring
Streams

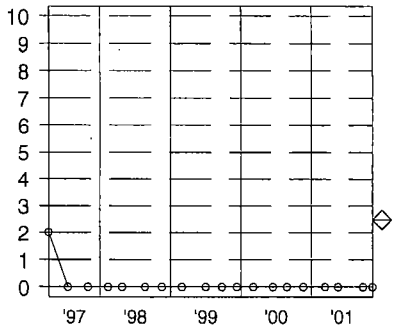
Source 1 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

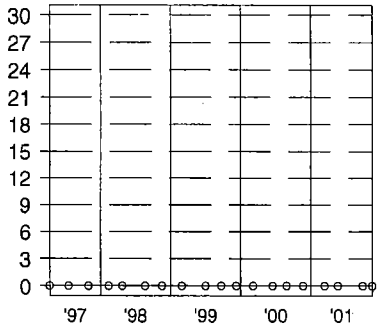
Ethylbenzene
(ug/l)



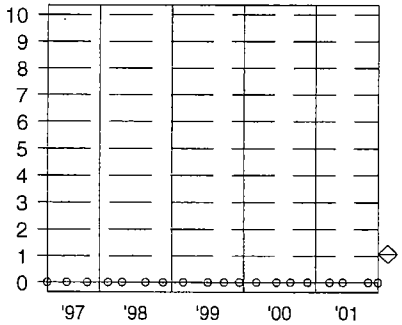
Methylene Chloride
(ug/l)



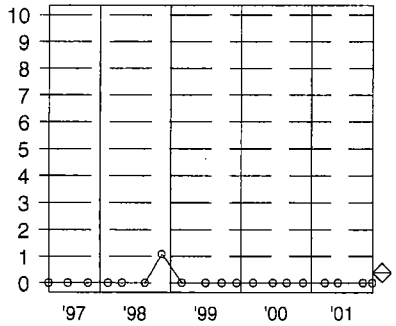
cis-1,2-Dichloroethene
(ug/l)



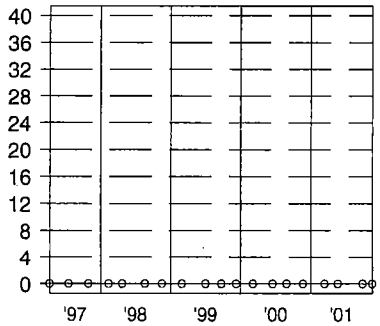
Trichloroethene
(ug/l)



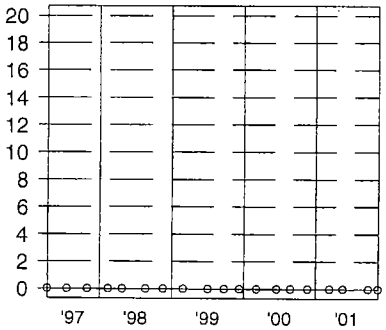
Tetrachloroethene
(ug/l)



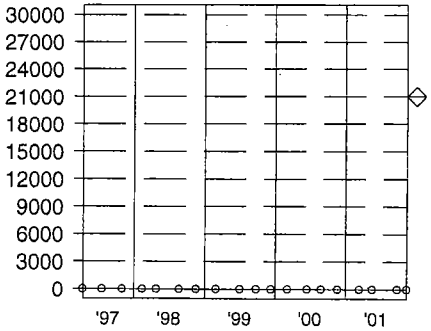
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 11/14/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	2.18	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	1.63	ND	1.61	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	1.24	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	6.61	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	4.42	ND	ND	ND		
08/19/1998	FMETL	ND	ND	1.92	1.10	2.85	ND	ND	ND		
11/17/1998	FMETL	ND	ND	1.19	ND	1.62	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	5.61	ND	ND	ND		
06/29/1999	FMETL	ND	ND	2.41	1.56	5.27	ND	ND	ND		
09/22/1999	FMETL	ND	ND	2.02	ND	1.85	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.23	1.26	6.18	ND	2.18	ND		
06/12/2000	FMETL	ND	ND	ND	ND	4.37	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.19	1.19	3.19	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	3.70	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	2.52	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	2.95	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

: 4

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04/08/1997 - 11/14/2001

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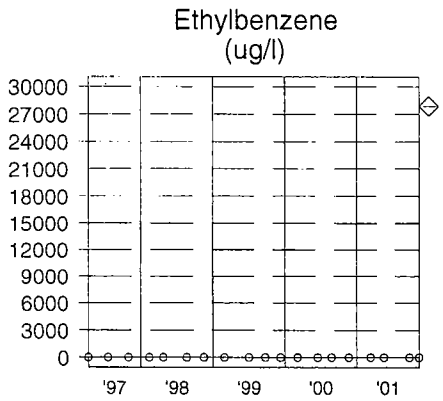
PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit is NLE
TCE limit is 81
PCE limit is 4.29

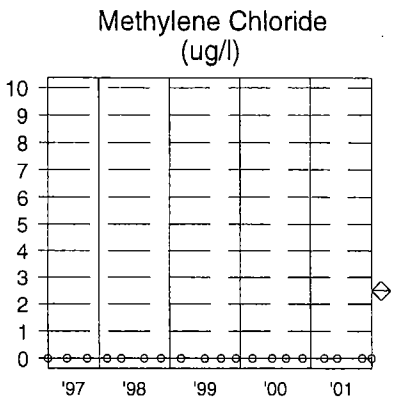
Fort Monmouth

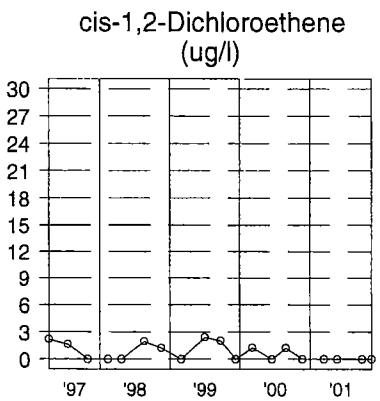
GW Monitoring
Streams

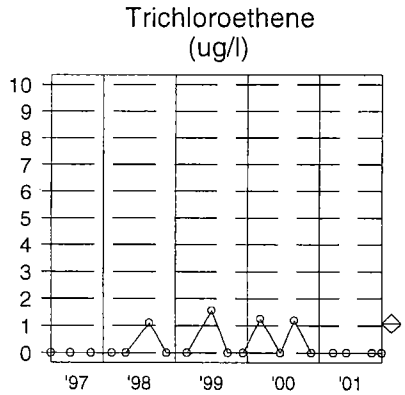
Source 2 of 23

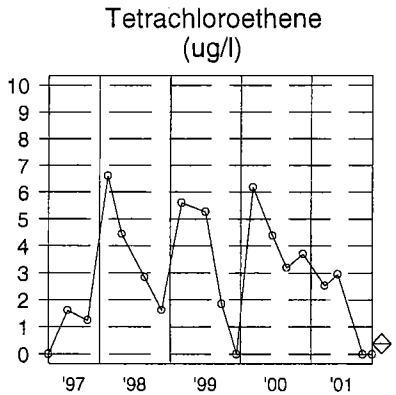
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

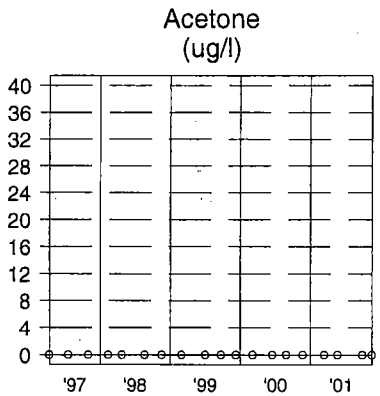


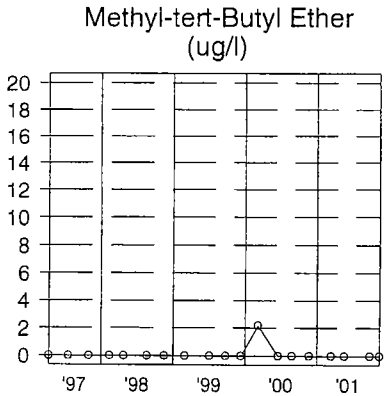


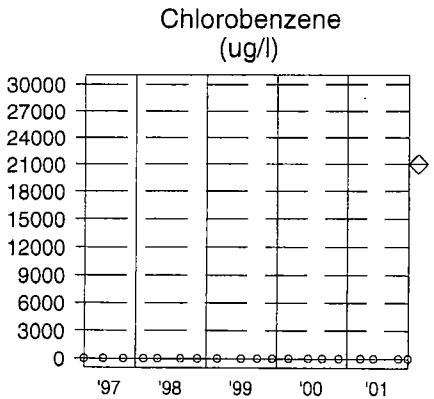












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04/08/1997 - 11/14/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	1.96	1.80	ND	2.28	ND	ND	ND		
07/17/1997	FMETL	ND	ND	3.66	ND	3.54	ND	ND	ND		
10/30/1997	FMETL	ND	ND	1.83	ND	1.70	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	6.34	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	4.48	ND	ND	ND		
08/19/1998	FMETL	ND	ND	2.28	1.27	3.39	ND	ND	ND		
11/17/1998	FMETL	ND	ND	1.67	ND	2.17	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	5.45	ND	ND	ND		
06/29/1999	FMETL	ND	ND	2.74	1.74	6.04	ND	ND	ND		
09/22/1999	FMETL	ND	ND	1.96	ND	1.82	ND	ND	ND		
12/09/1999	FMETL	ND	ND	1.60	ND	3.82	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.27	1.36	6.62	ND	2.34	ND		
06/12/2000	FMETL	ND	ND	ND	ND	4.38	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.19	ND	3.44	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	3.58	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	0.97	ND	4.09	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	1.51	ND	1.99	ND	ND	ND		-

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04/08/1997 - 11/14/2001

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Page 1 of 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

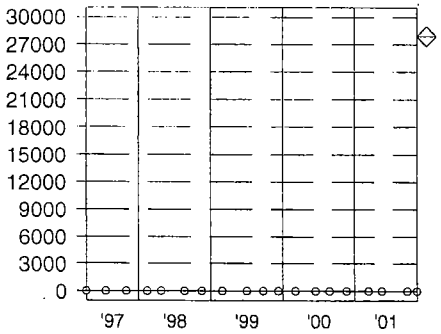
Fort Monmouth

GW Monitoring
Streams

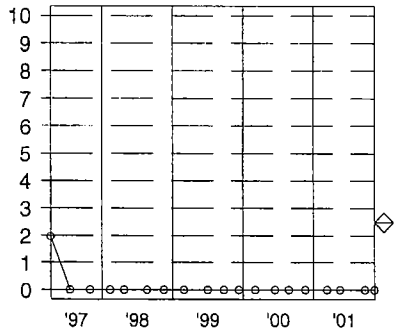
Source 3 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

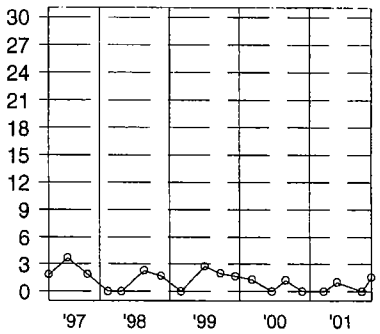
Ethylbenzene
(ug/l)



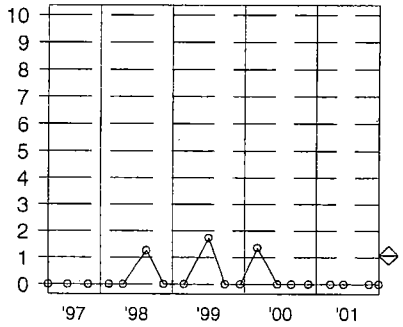
Methylene Chloride
(ug/l)



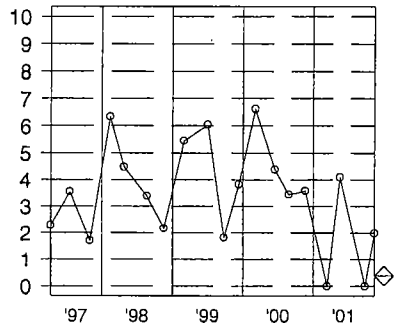
cis-1,2-Dichloroethene
(ug/l)



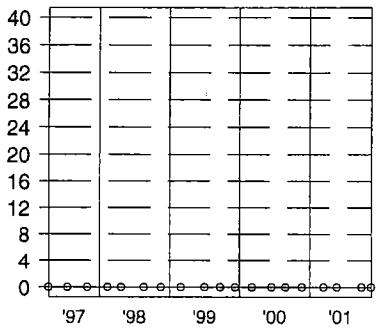
Trichloroethene
(ug/l)



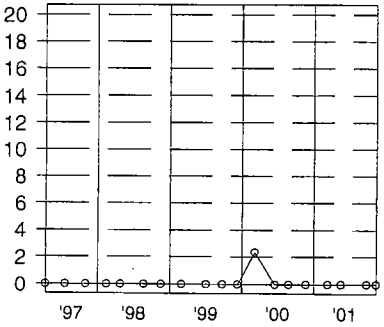
Tetrachloroethene
(ug/l)



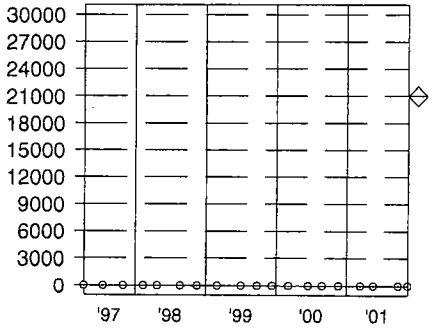
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 11/14/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	1.14	ND	1.08	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	2.04	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	2.40	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	2.85	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	1.42	2.94	2.00	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.19	1.30	6.47	ND	2.14	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	1.77	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	1.94	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 11/14/2001

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Page 1 of 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

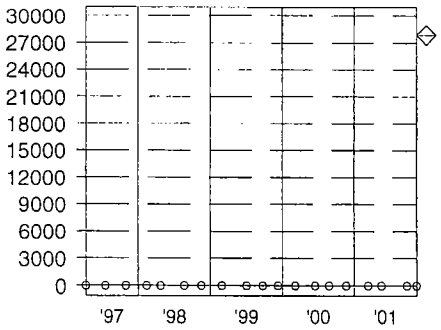
Fort Monmouth

GW Monitoring
Streams

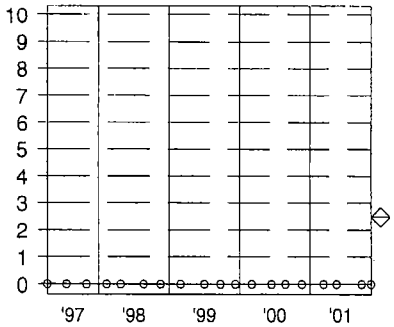
Source 4 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

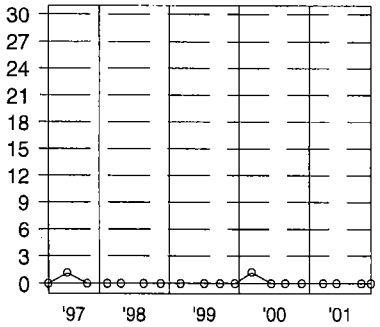
Ethylbenzene
(ug/l)



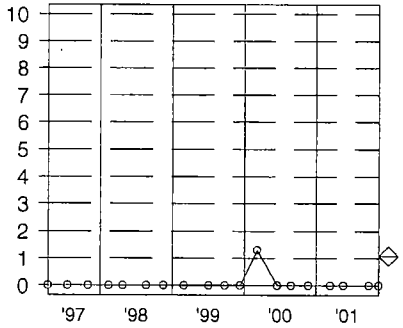
Methylene Chloride
(ug/l)



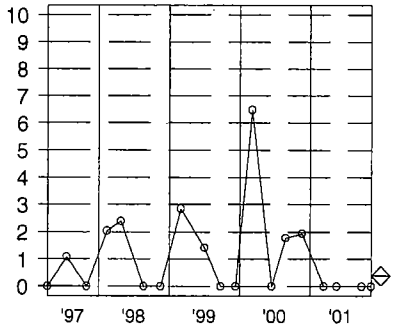
cis-1,2-Dichloroethene
(ug/l)



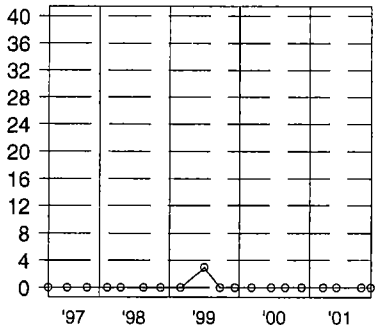
Trichloroethene
(ug/l)



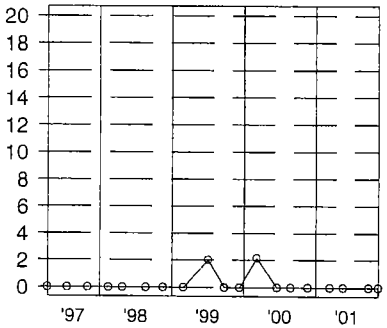
Tetrachloroethene
(ug/l)



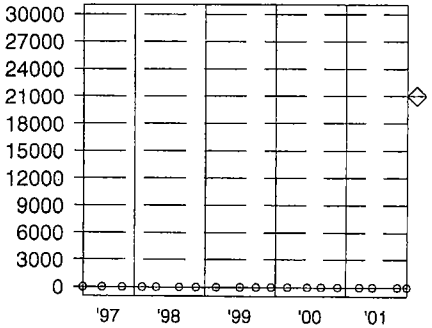
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 11/14/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	1.82	2.78	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	2.14	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	6.00	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	4.73	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	1.69	ND	ND	ND	ND	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	1.78	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	2.50	ND	ND		
09/21/1999	FMETL	ND	ND	1.91	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	25.08	ND	ND		
03/01/2000	FMETL	ND	ND	2.17	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.11	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/20/2000D	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	1.72	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 11/14/2001

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PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

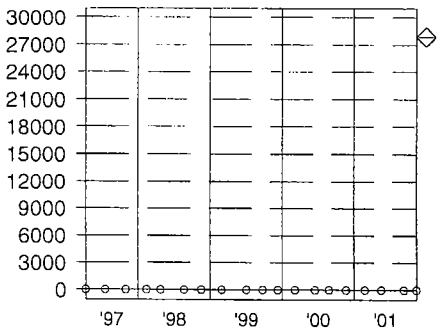
Fort Monmouth

GW Monitoring
Streams

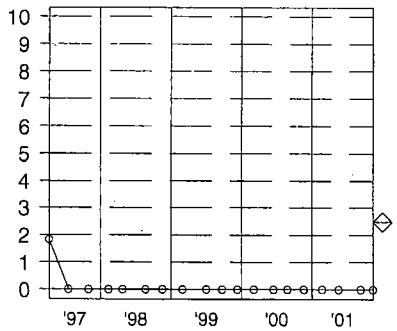
Source 5 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

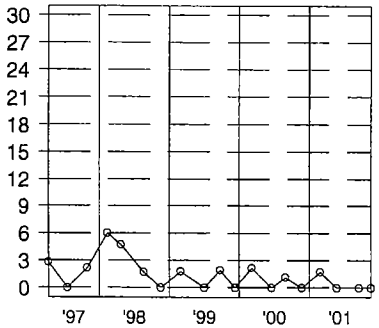
Ethylbenzene
(ug/l)



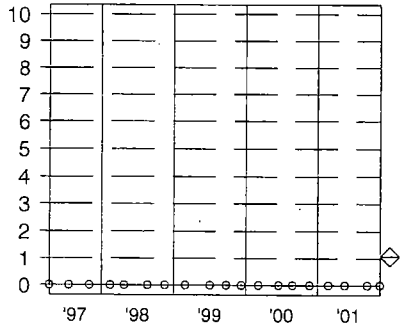
Methylene Chloride
(ug/l)



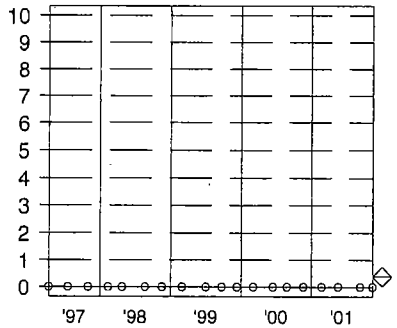
cis-1,2-Dichloroethene
(ug/l)



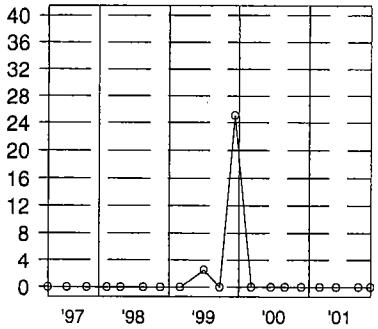
Trichloroethene
(ug/l)



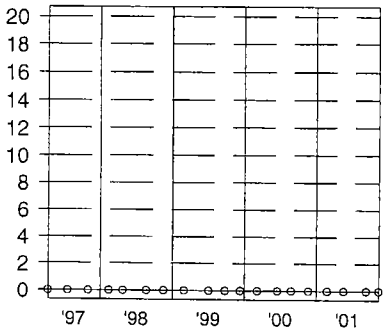
Tetrachloroethene
(ug/l)



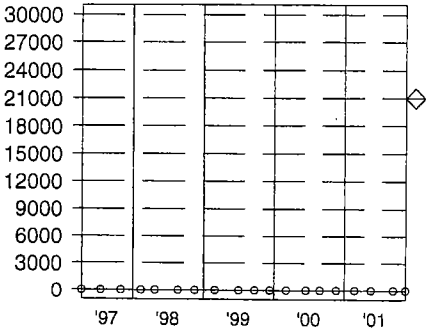
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 11/14/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	18.72	1.58	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	14.13	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	18.23	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	24.71	2.14	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	21.66	1.82	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	11.73	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	8.82	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	9.11	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	5.77	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	15.62	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	11.90	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	11.01	ND	ND	ND	1.64	ND		
06/12/2000	FMETL	ND	ND	8.03	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	9.08	ND	ND	ND	ND	ND		
08/24/2000D	FMETL	ND	ND	8.70	ND	ND	6.22	ND	ND		
11/20/2000	FMETL	ND	ND	5.34	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	8.26	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	5.21	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	1.93	ND	ND	ND	ND	ND		-

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04/08/1997 - 11/14/2001

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Page 1 of1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

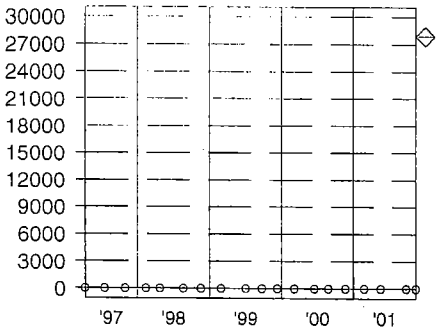
Fort Monmouth

GW Monitoring
Streams

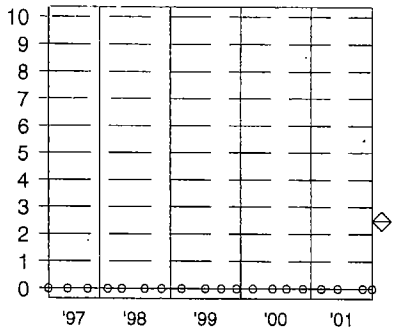
Source 6 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

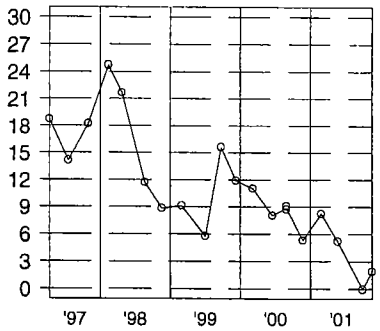
Ethylbenzene
(ug/l)



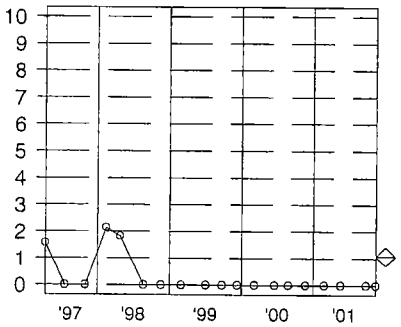
Methylene Chloride
(ug/l)



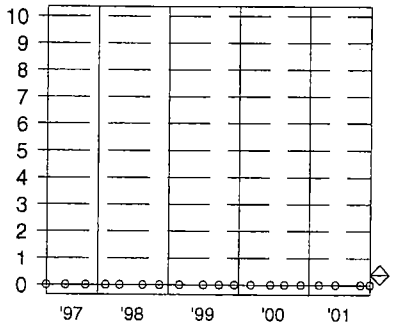
cis-1,2-Dichloroethene
(ug/l)



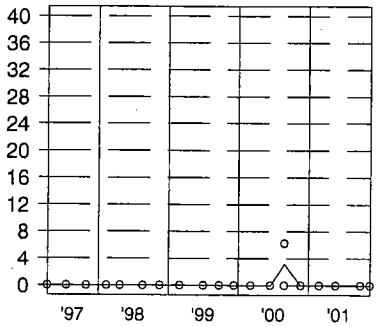
Trichloroethene
(ug/l)



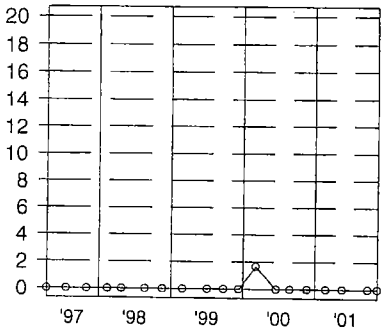
Tetrachloroethene
(ug/l)



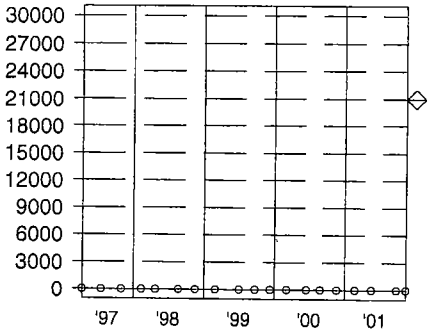
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 11/14/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	6.63	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	5.67	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	6.54	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	4.58	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	2.48	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	1.80	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	1.39	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	3.67	ND	ND	9.54	ND	ND		
12/09/1999	FMETL	ND	ND	2.74	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	3.13	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.00	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	1.87	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	1.89	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.66	ND	ND	ND	ND	ND		-
05/16/2001D	FMETL	ND	ND	1.72	ND	ND	ND	ND	ND		-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 11/14/2001

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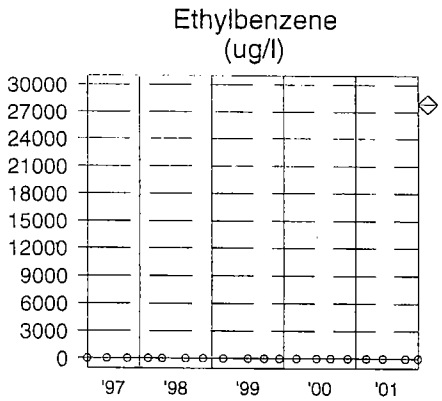
Page 1 of 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

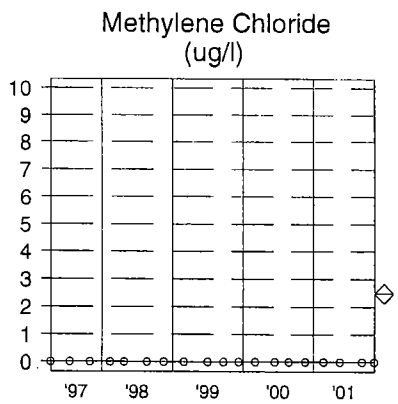
Fort Monmouth

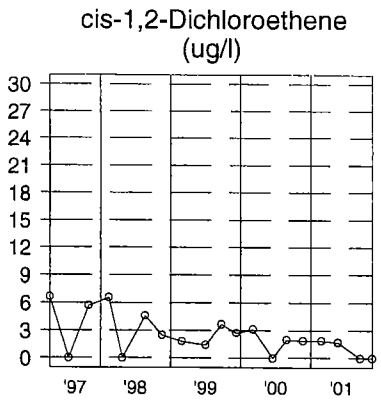
GW Monitoring
Streams

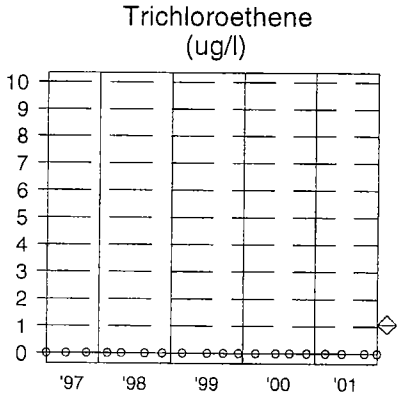
Source 7 of 23

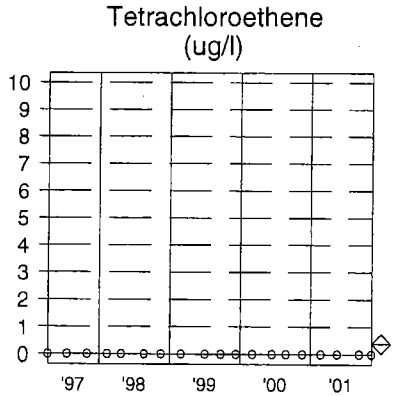
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

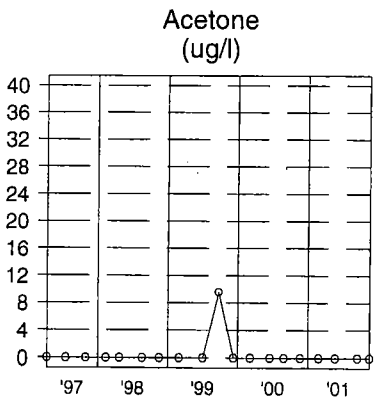


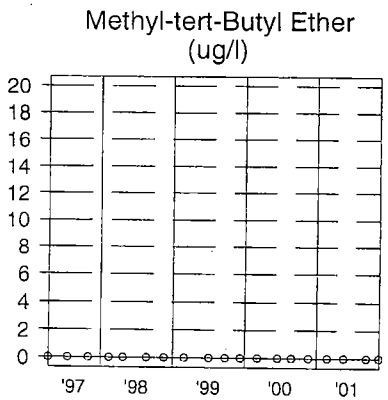


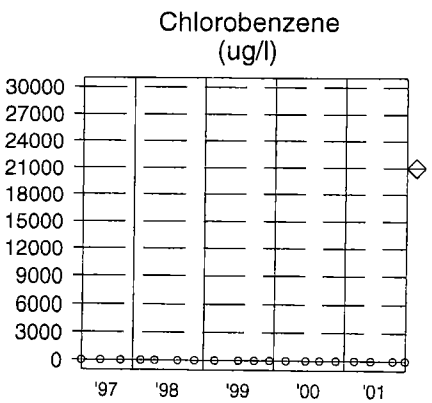












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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	1.91	ND	ND	ND	2.81	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	3.94	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.35	1.40	6.92	ND	2.40	ND		
06/12/2000	FMETL	ND	ND	ND	ND	5.56	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.17	1.78	5.40	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	6.58	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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04/08/1997 - 11/14/2001

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Page 1 of 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

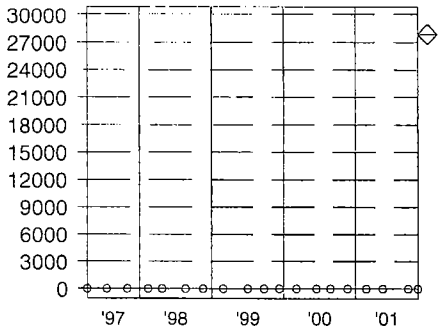
Fort Monmouth

GW Monitoring
Streams

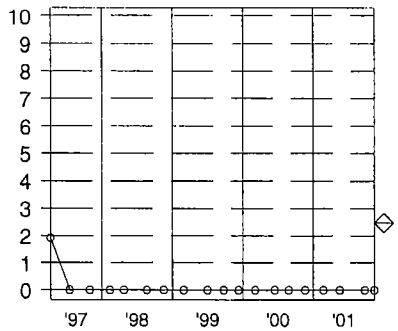
Source 8 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

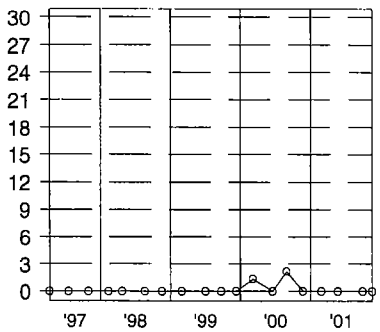
Ethylbenzene
(ug/l)



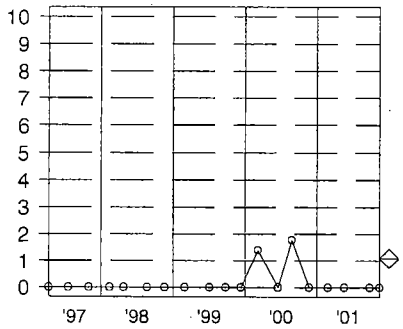
Methylene Chloride
(ug/l)



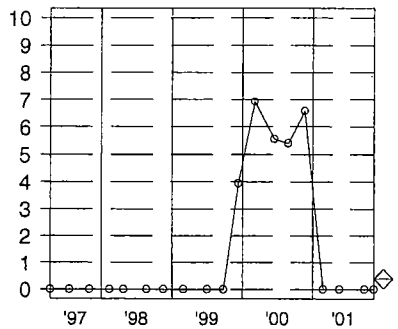
cis-1,2-Dichloroethene
(ug/l)



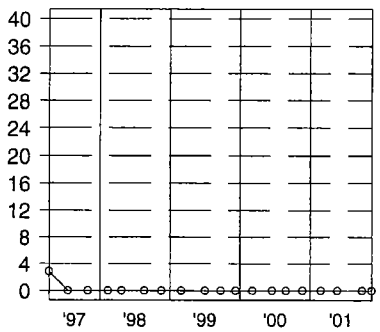
Trichloroethene
(ug/l)



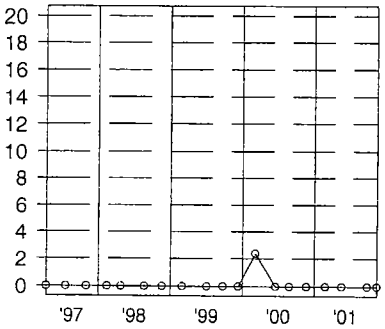
Tetrachloroethene
(ug/l)



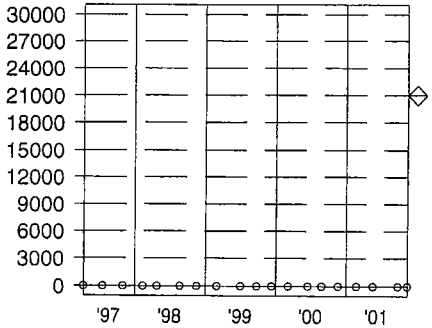
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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04/08/1997 - 11/14/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	3.94	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	1.59	1.75	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	ND	3.32	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	11.26	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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Page 1 of 1
Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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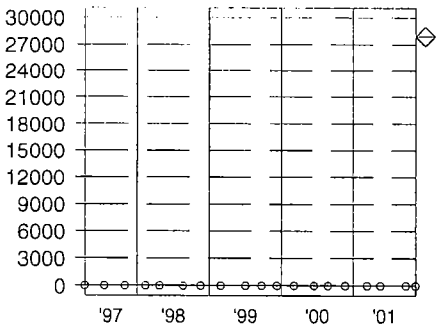
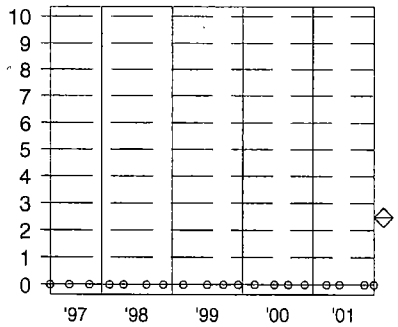
FORT MONMOUTH
SELFM-PW-EV

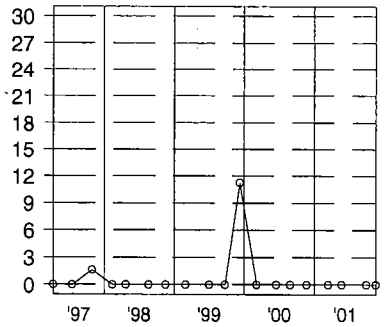
Ethylbenzene
(ug/l)



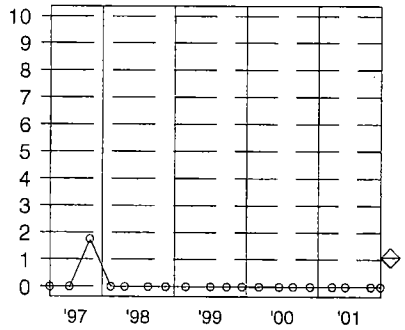
Methylene Chloride
(ug/l)



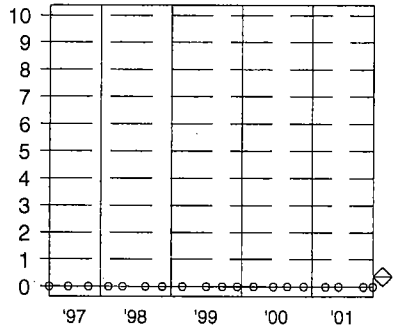
cis-1,2-Dichloroethene
(ug/l)



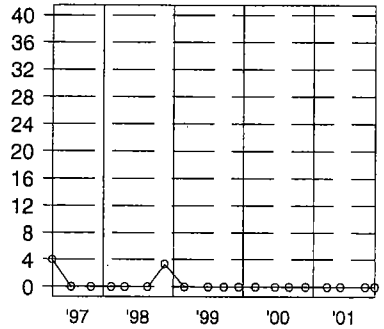
Trichloroethene
(ug/l)



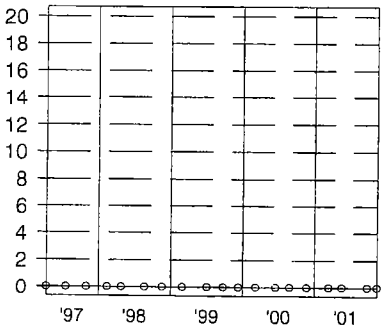
Tetrachloroethene
(ug/l)



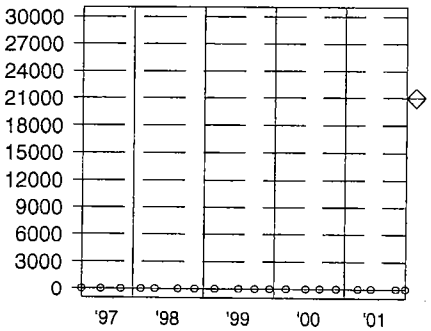
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 9 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	2.69	1.60	6.00	ND	ND	ND		
07/17/1997	FMETL	ND	ND	5.53	2.50	7.12	ND	ND	ND		
10/30/1997	FMETL	ND	ND	2.57	ND	2.72	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	1.03	6.90	ND	ND	ND		
04/21/1998	FMETL	ND	ND	1.22	1.21	5.72	ND	ND	ND		
08/19/1998	FMETL	ND	ND	3.89	2.06	5.39	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	7.33	ND	ND	ND		
06/29/1999	FMETL	ND	ND	4.17	2.40	7.86	ND	ND	ND		
09/21/1999	FMETL	ND	ND	3.59	1.37	2.61	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	4.08	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.39	1.39	6.95	ND	2.38	ND		
06/12/2000	FMETL	ND	ND	ND	ND	5.94	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.02	1.09	5.20	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	6.29	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	7.19	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.50	ND	6.64	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	3.09	ND	3.49	ND	ND	ND		-

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04/08/1997 - 11/14/2001

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Page 1 of 1
Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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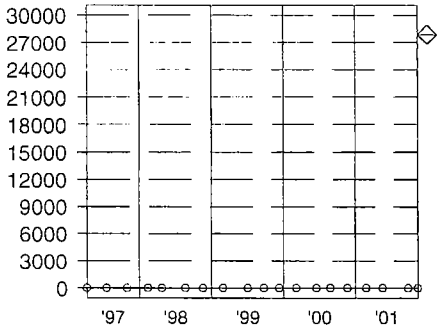
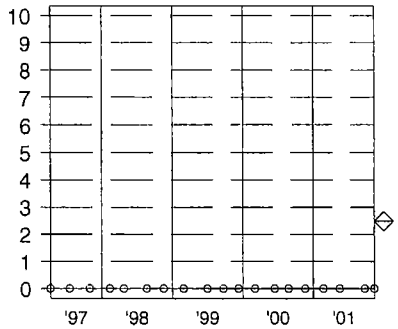
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

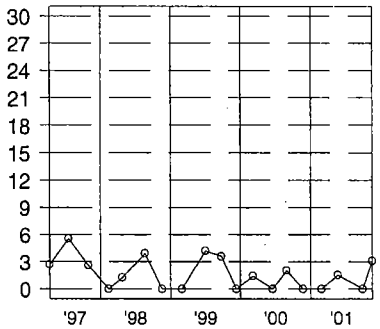
Ethylbenzene
(ug/l)



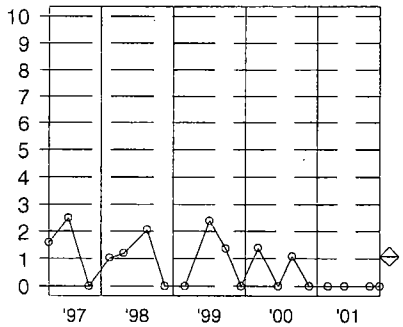
Methylene Chloride
(ug/l)



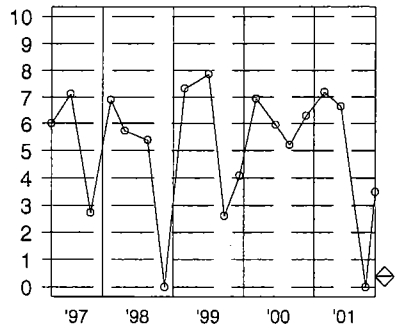
cis-1,2-Dichloroethene
(ug/l)



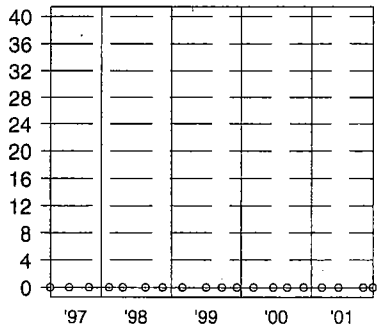
Trichloroethene
(ug/l)



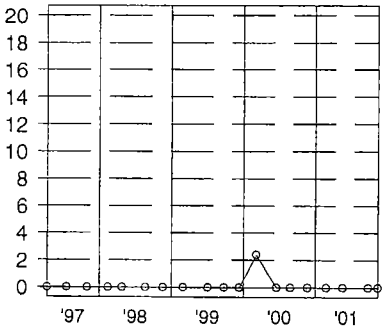
Tetrachloroethene
(ug/l)



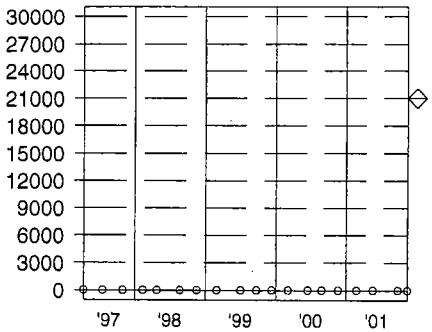
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

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Streams

Source 10 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	2.05	1.26	4.47	ND	ND	ND		
07/17/1997	FMETL	ND	ND	2.55	ND	4.72	ND	ND	ND		
10/30/1997	FMETL	ND	ND	1.76	ND	1.86	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	6.23	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	4.58	ND	ND	ND		
08/19/1998	FMETL	ND	ND	2.94	1.63	4.33	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	1.48	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	6.06	ND	ND	ND		
06/29/1999	FMETL	ND	ND	3.56	2.25	7.70	ND	ND	ND		
09/22/1999	FMETL	ND	ND	2.74	ND	2.63	ND	ND	ND		
12/09/1999	FMETL	ND	ND	1.79	ND	4.13	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.28	1.27	6.47	ND	2.33	ND		
06/12/2000	FMETL	ND	ND	ND	ND	3.74	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.68	1.28	4.47	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	4.49	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	6.25	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.23	ND	4.91	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	1.41	ND	2.00	ND	ND	ND		-

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: 04/08/1997 - 11/14/2001

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Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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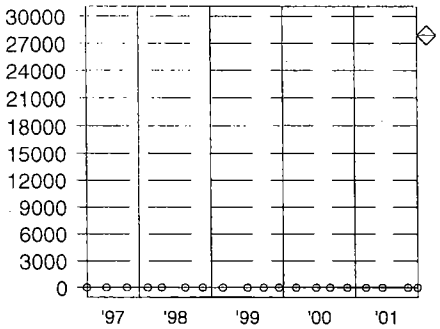
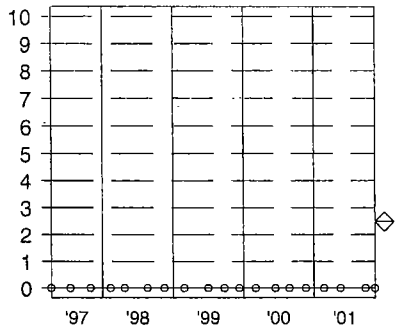
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

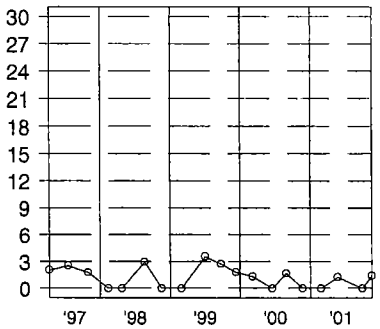
Ethylbenzene
(ug/l)



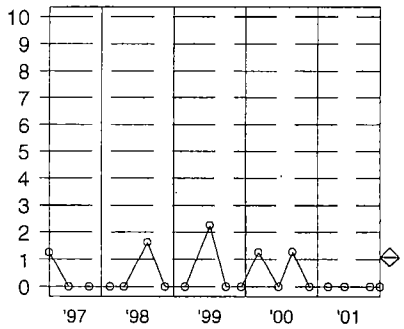
Methylene Chloride
(ug/l)



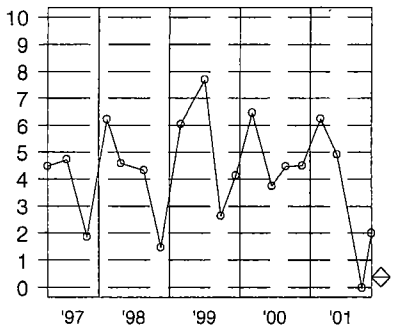
cis-1,2-Dichloroethene
(ug/l)



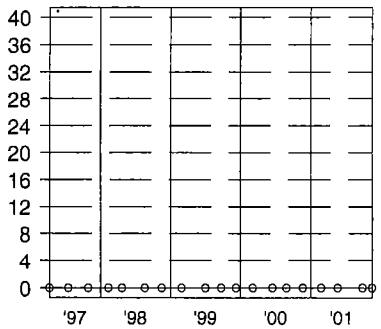
Trichloroethene
(ug/l)



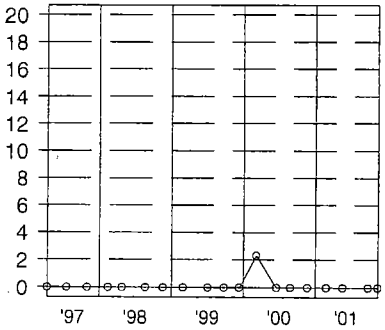
Tetrachloroethene
(ug/l)



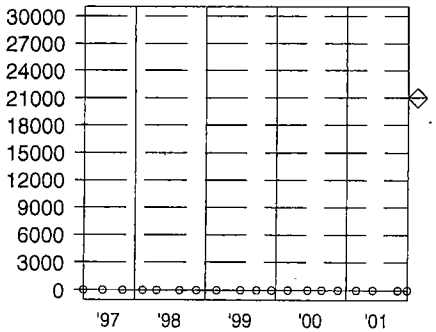
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	1.97	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	1.59		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	4.43	2.12	5.09	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	1.09	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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Page 1 of 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

Fort Monmouth

GW Monitoring
Streams

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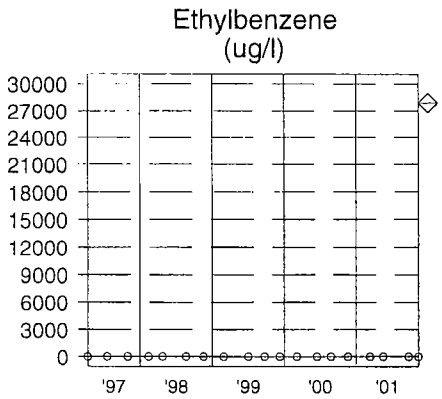
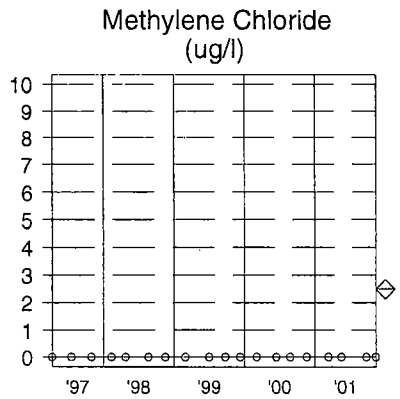
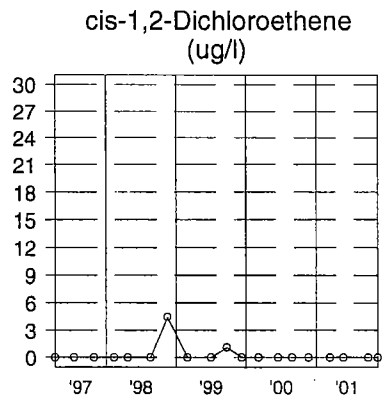
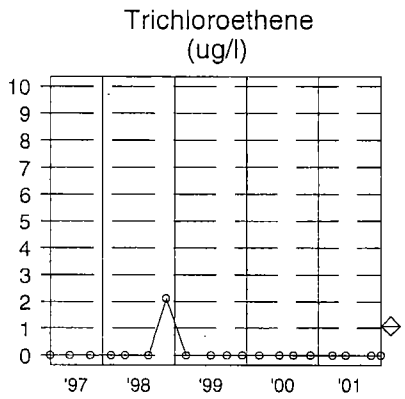
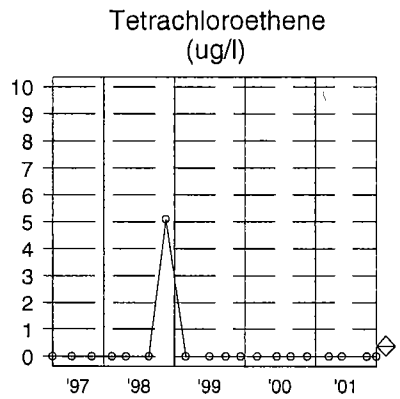
FORT MONMOUTH
SELFM-PW-EV

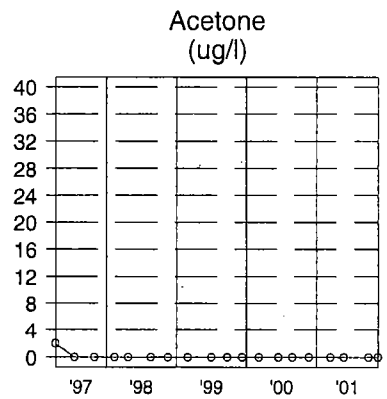


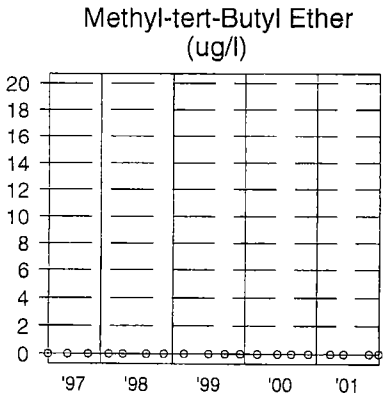


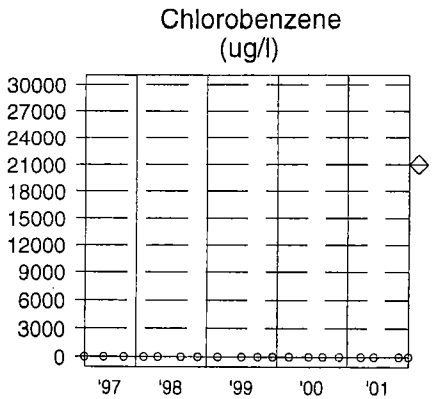












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NJDEP Criteria

Fort Monmouth

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Streams

Source 12 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	1.06	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	5.87	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	14.36	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	4.65	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	3.18	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	3.95	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	1.47	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	4.67	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	4.90	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	5.57	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.46	ND	ND	15.24	ND	ND		
11/20/2000	FMETL	ND	ND	1.80	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	4.10	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.45	ND	ND	ND	ND	ND		-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/11/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

Fort Monmouth

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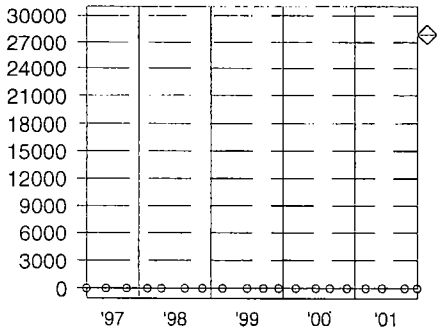
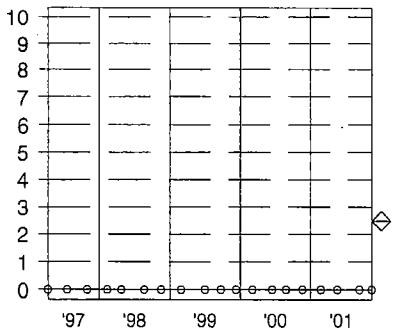
FORT MONMOUTH
SELFM-PW-EV

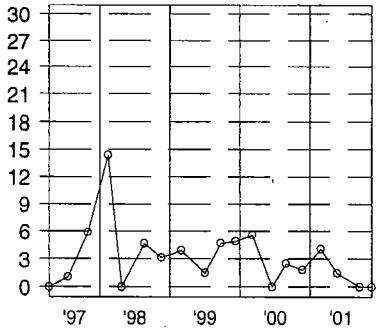
Ethylbenzene
(ug/l)



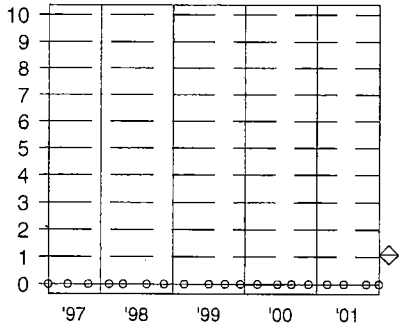
Methylene Chloride
(ug/l)



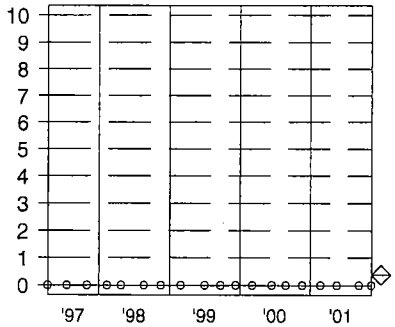
cis-1,2-Dichloroethene
(ug/l)



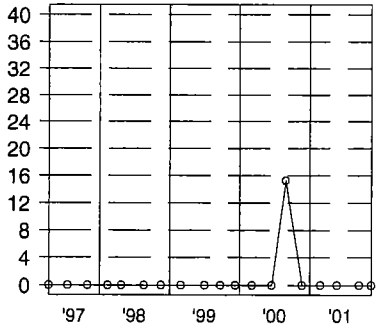
Trichloroethene
(ug/l)



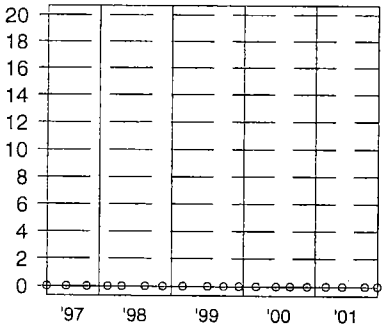
Tetrachloroethene
(ug/l)



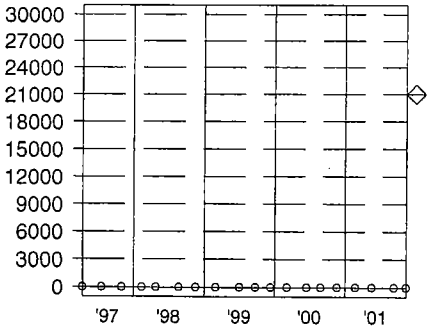
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

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GW Monitoring
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Source 13 of 23, Graph

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FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	6.44	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	4.69	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	8.22	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	6.86	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	2.95	ND	ND	ND	ND	ND		
11/17/1998	FMETL	ND	ND	2.3	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	2.30	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	3.53	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	2.60	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	2.92	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.07	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	2.99	ND	ND	ND	ND	ND		-
02/21/2001D	FMETL	ND	ND	3.87	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.57	ND	ND	ND	ND	ND		-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

Fort Monmouth

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U.S.ARMY
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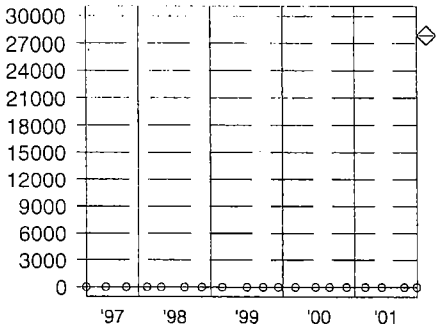
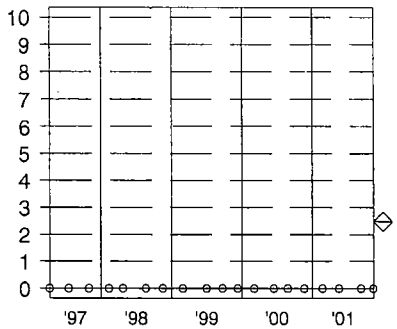
SELFM-PW-EV

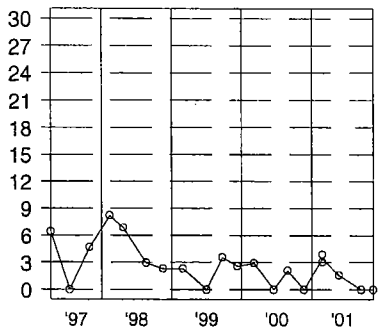
Ethylbenzene
(ug/l)



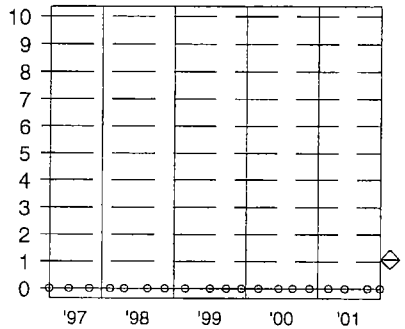
Methylene Chloride
(ug/l)



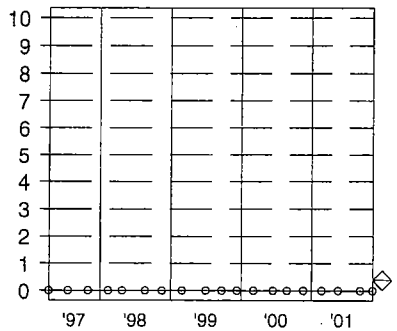
cis-1,2-Dichloroethene
(ug/l)



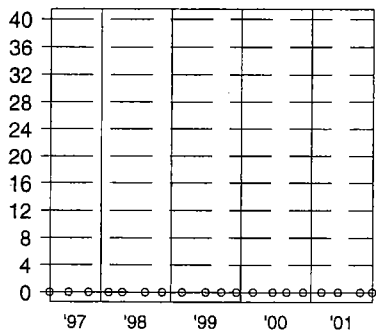
Trichloroethene
(ug/l)



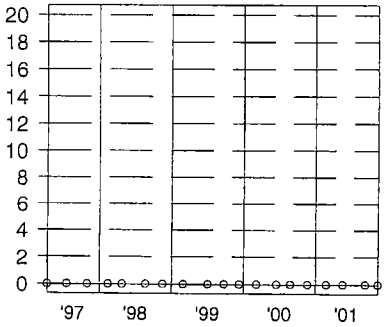
Tetrachloroethene
(ug/l)



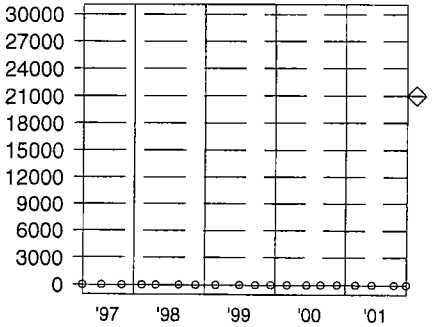
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

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Streams

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	2.18	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	2.63	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	4.85	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	5.70	ND		
09/21/1999	FMETL	ND	ND	ND	ND	ND	ND	2.10	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	6.38	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	2.58	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

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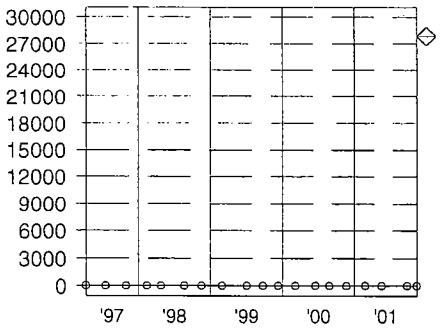
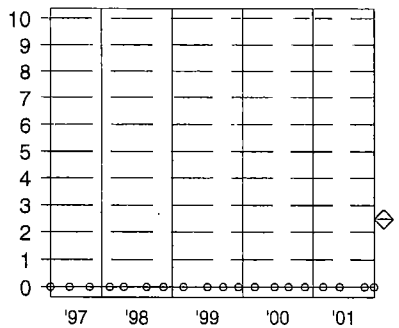
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

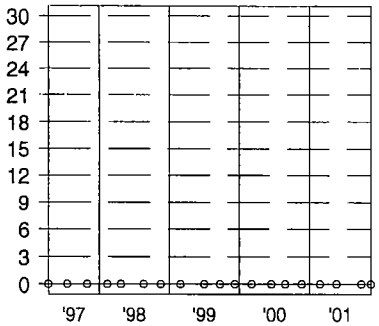
Ethylbenzene
(ug/l)



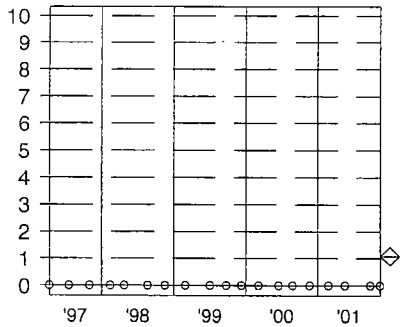
Methylene Chloride
(ug/l)



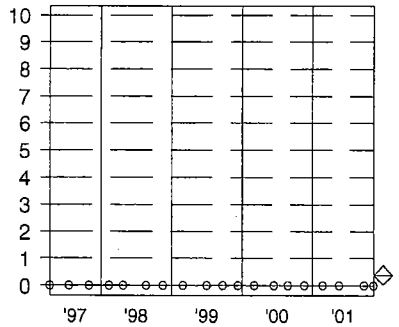
cis-1,2-Dichloroethene
(ug/l)



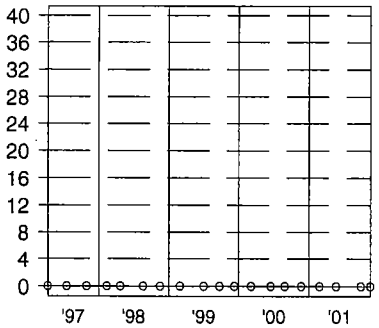
Trichloroethene
(ug/l)



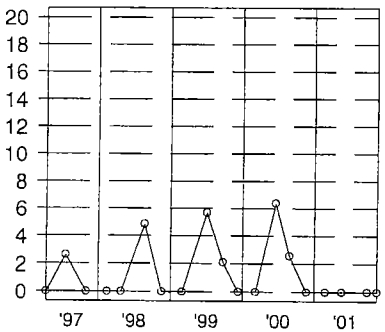
Tetrachloroethene
(ug/l)



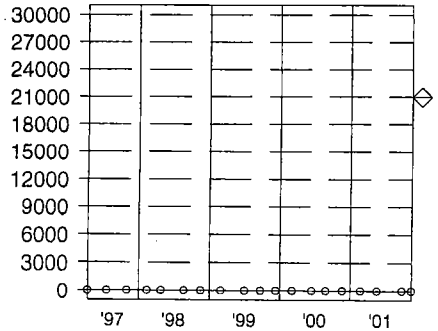
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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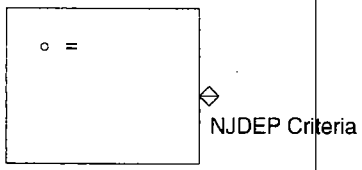

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	2.90	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	4.71	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	7.40	ND		
09/21/1999	FMETL	ND	ND	1.17	ND	ND	ND	2.24	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	27.52	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	4.56	2.67	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	1.76	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

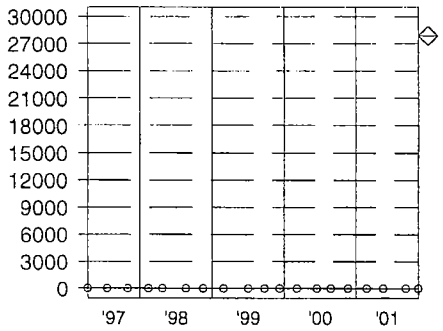
Fort Monmouth

GW Monitoring
Streams

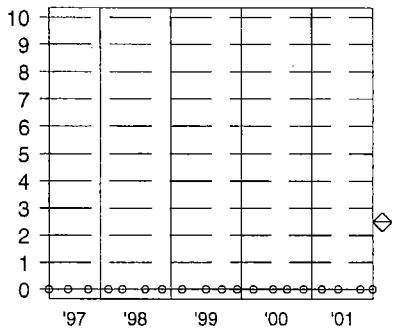
Source 16 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

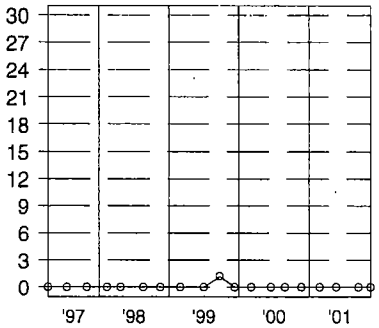
Ethylbenzene
(ug/l)



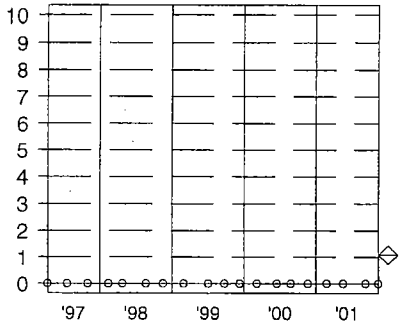
Methylene Chloride
(ug/l)



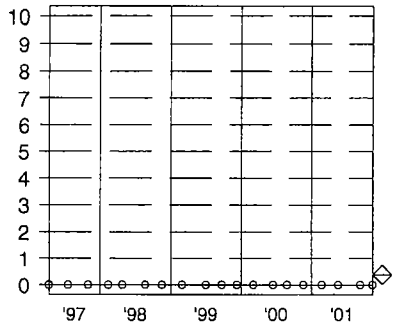
cis-1,2-Dichloroethene
(ug/l)



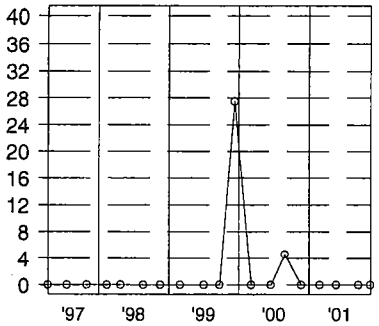
Trichloroethene
(ug/l)



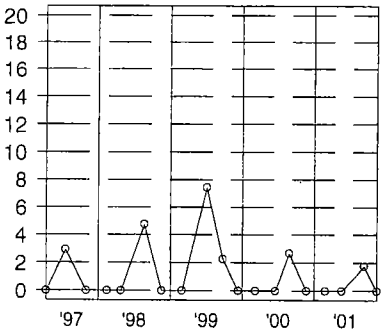
Tetrachloroethene
(ug/l)



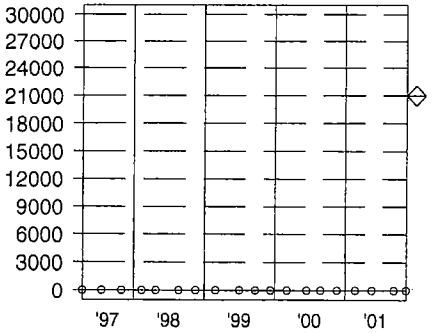
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	4.26	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	4.50	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	8.30	ND		
09/21/1999	FMETL	ND	ND	ND	ND	ND	ND	0.82	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	32.77	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	10.26	ND		
06/12/2000D	FMETL	ND	ND	ND	ND	ND	ND	10.66	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	5.53	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	3.53	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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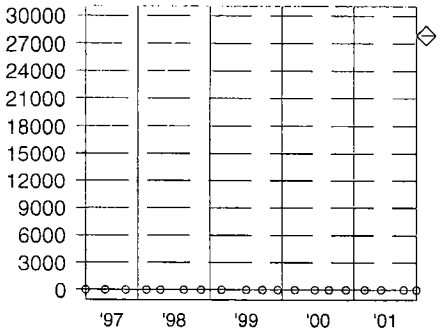
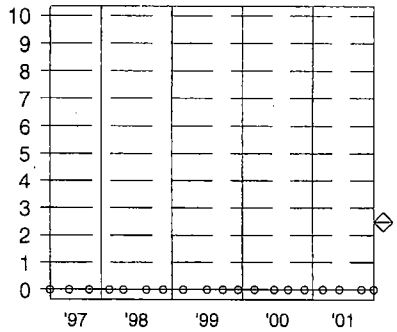
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

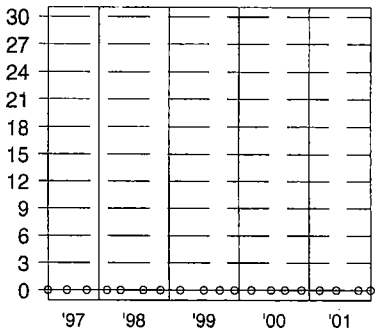
Ethylbenzene
(ug/l)



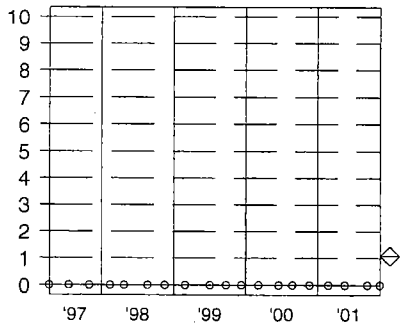
Methylene Chloride
(ug/l)



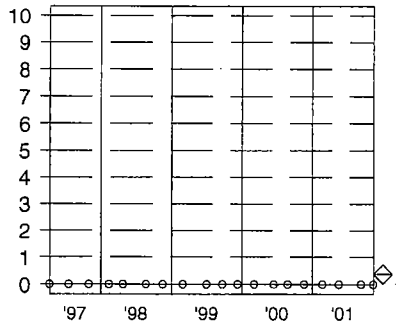
cis-1,2-Dichloroethene
(ug/l)



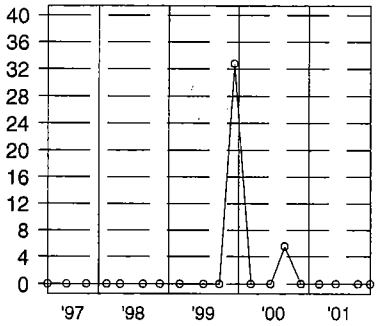
Trichloroethene
(ug/l)



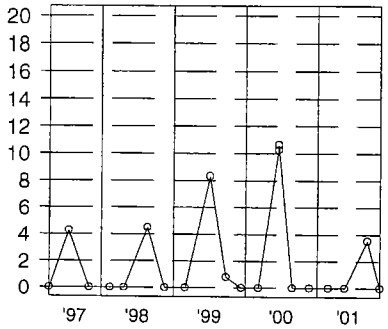
Tetrachloroethene
(ug/l)



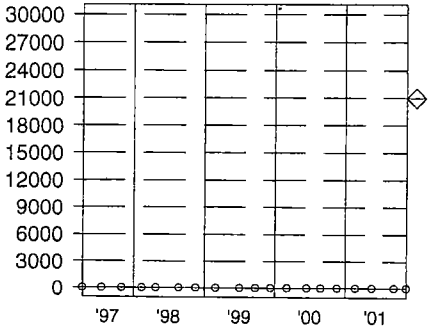
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	5.60	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.24	1.82	5.18	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	6.29	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	4.78	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.73	ND	6.41	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	3.23	ND	3.64	ND	ND	ND		-

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Stream 23 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

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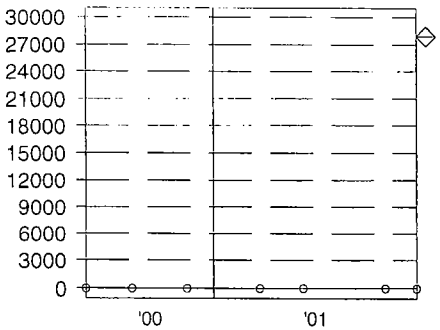
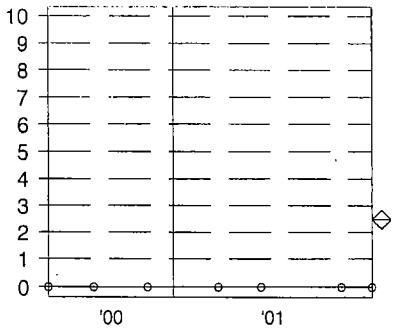
FORT MONMOUTH
SELFM-PW-EV

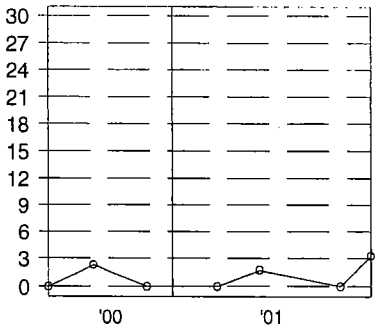
Ethylbenzene
(ug/l)



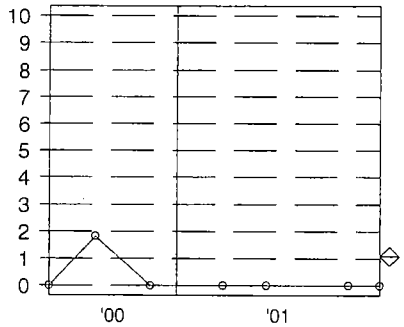
Methylene Chloride
(ug/l)



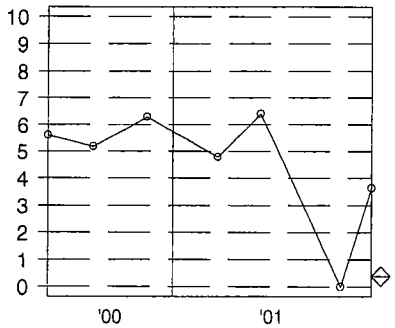
cis-1,2-Dichloroethene
(ug/l)



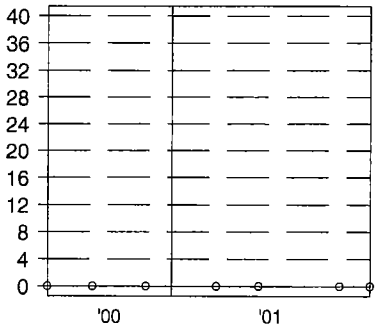
Trichloroethene
(ug/l)



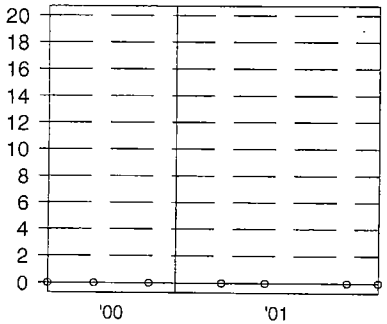
Tetrachloroethene
(ug/l)



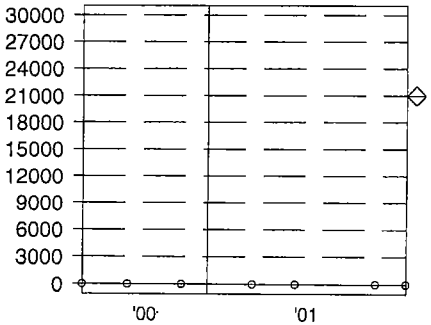
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	4.72	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.54	1.41	4.33	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	4.41	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	4.76	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.37	ND	5.12	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	3.11	ND	3.28	ND	ND	ND		-

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Stream 24 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

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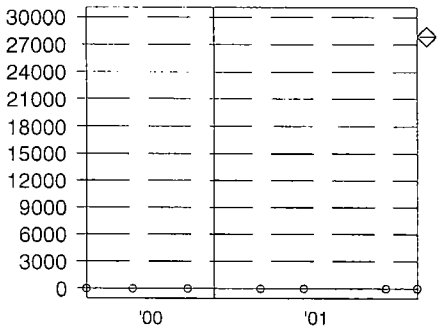
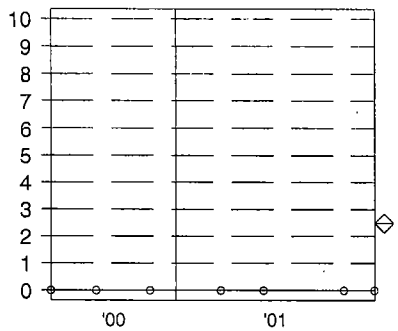
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

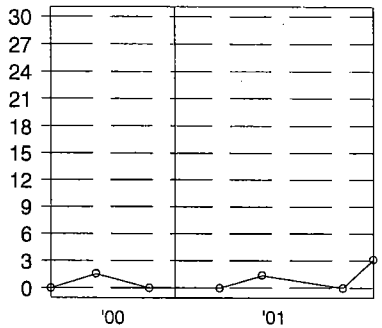
Ethylbenzene
(ug/l)



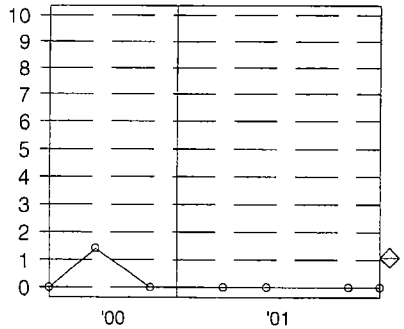
Methylene Chloride
(ug/l)



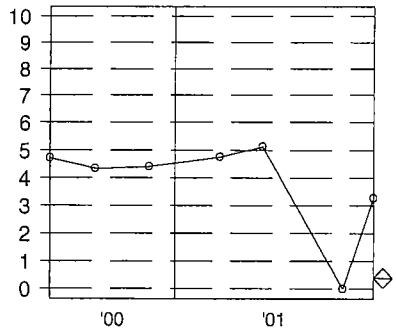
cis-1,2-Dichloroethene
(ug/l)



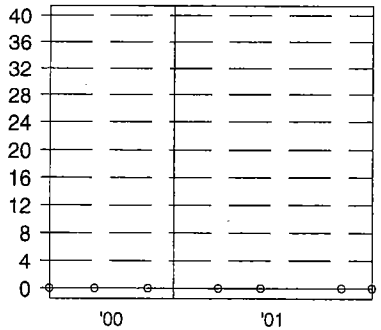
Trichloroethene
(ug/l)



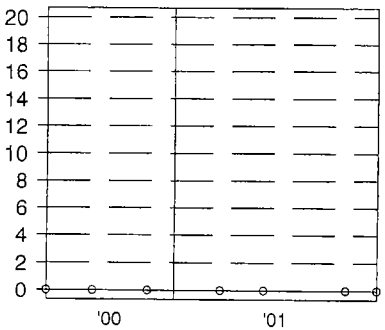
Tetrachloroethene
(ug/l)



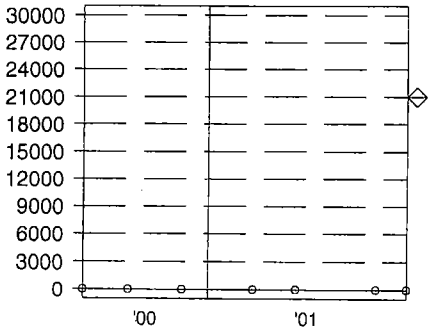
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 11/14/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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06/12/2000 - 11/14/2001

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Page 1 of 1
Stream 25 is Salt-Water.

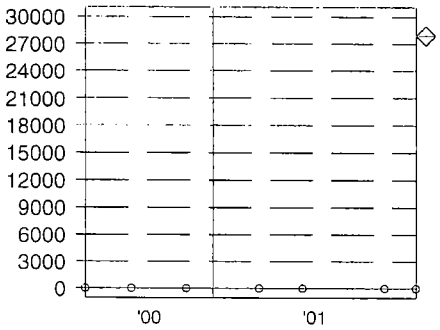
Fort Monmouth

GW Monitoring
Streams

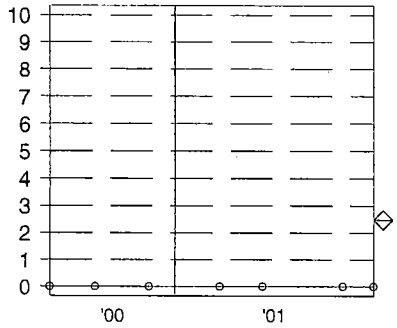
Source 20 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

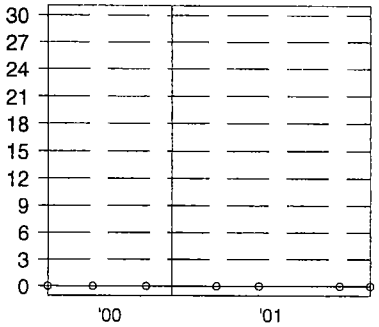
Ethylbenzene
(ug/l)



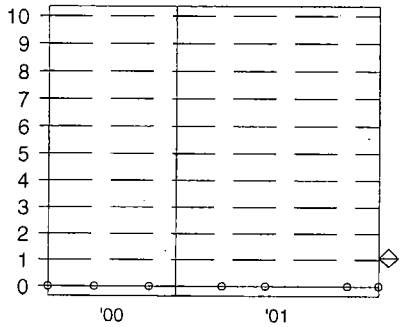
Methylene Chloride
(ug/l)



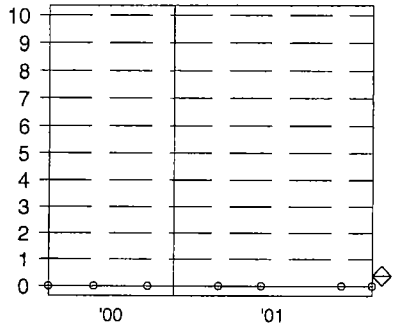
cis-1,2-Dichloroethene
(ug/l)



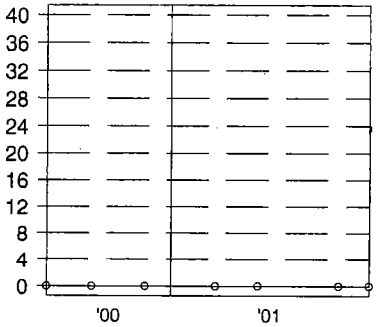
Trichloroethene
(ug/l)



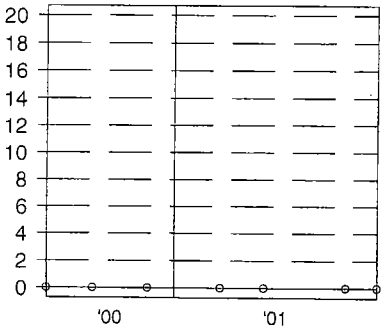
Tetrachloroethene
(ug/l)



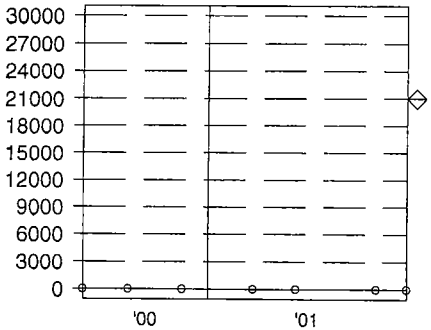
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 11/14/2001

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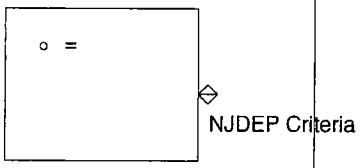

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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06/12/2000 - 11/14/2001

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Page 1 of 1
Stream 26 is Fresh-Water

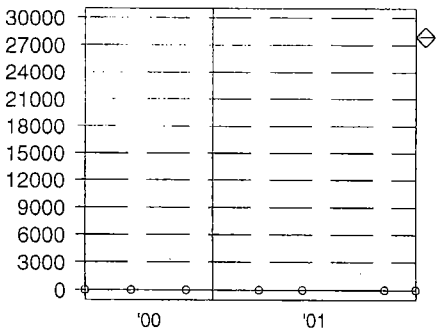
Fort Monmouth

GW Monitoring
Streams

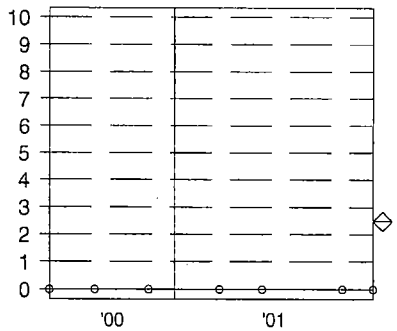
Source 21 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

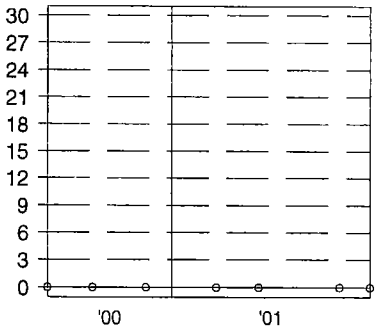
Ethylbenzene
(ug/l)



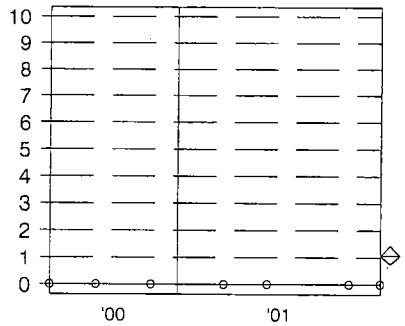
Methylene Chloride
(ug/l)



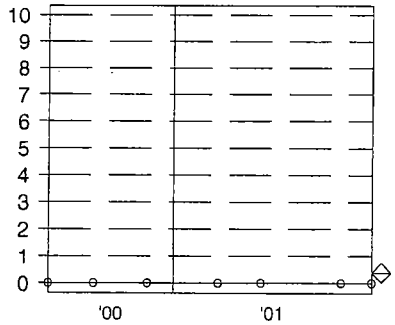
cis-1,2-Dichloroethene
(ug/l)



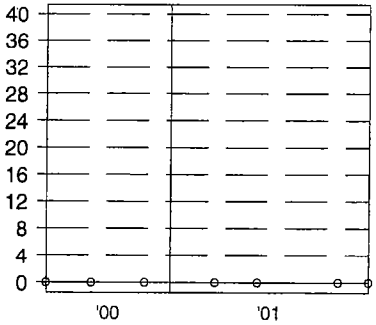
Trichloroethene
(ug/l)



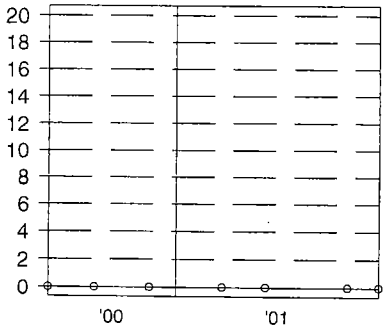
Tetrachloroethene
(ug/l)



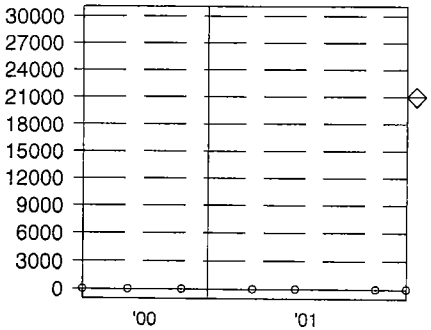
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 11/14/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	1.72	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	1.87	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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06/12/2000 - 11/14/2001

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Page 1 of 1
Stream 27 is Salt Water.

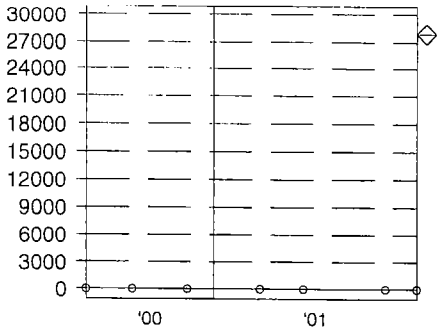
Fort Monmouth

GW Monitoring
Streams

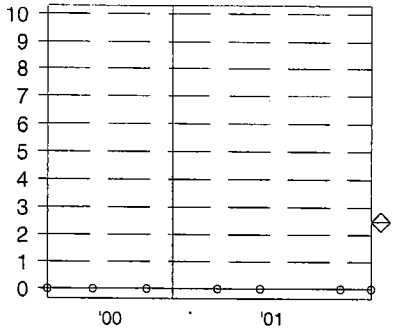
Source 22 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

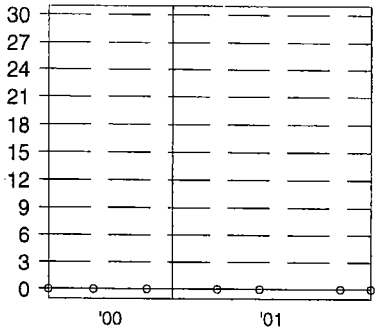
Ethylbenzene
(ug/l)



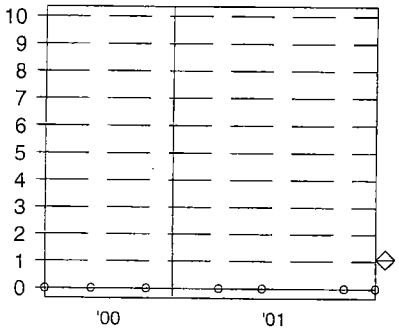
Methylene Chloride
(ug/l)



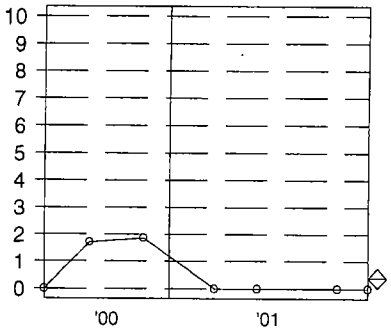
cis-1,2-Dichloroethene
(ug/l)



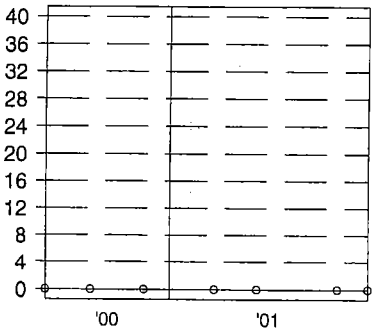
Trichloroethene
(ug/l)



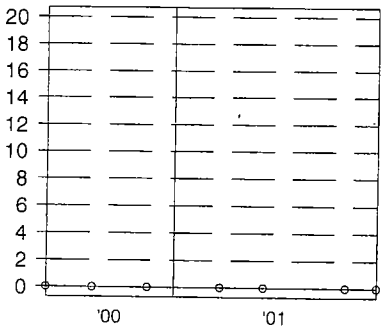
Tetrachloroethene
(ug/l)



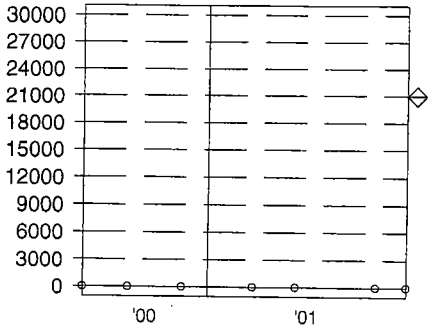
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



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06/12/2000 - 11/14/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.28	1.07	3.67	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	3.60	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	2.56	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	2.77	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-

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06/12/2000 - 11/14/2001

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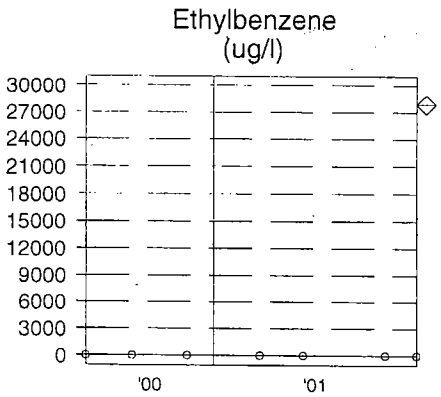
Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

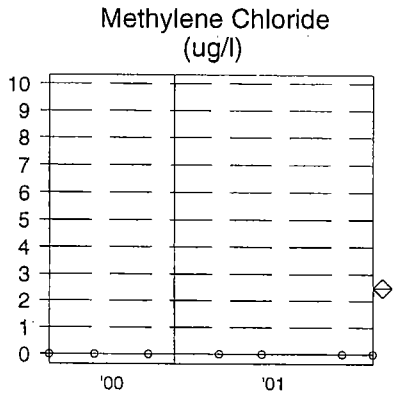
Fort Monmouth

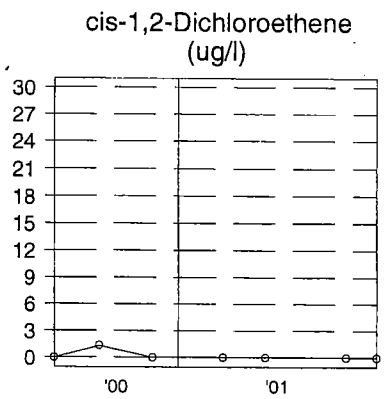
GW Monitoring
Streams

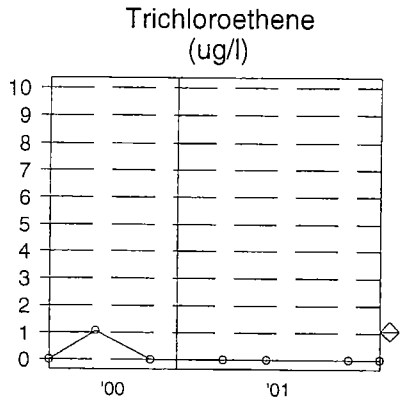
Source 23 of 23

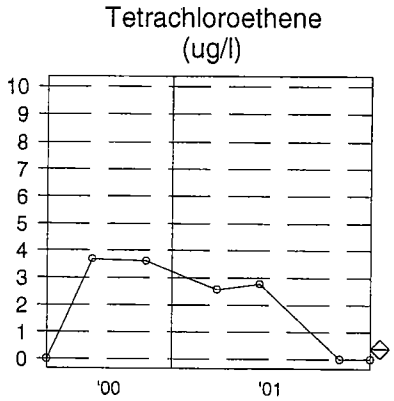
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

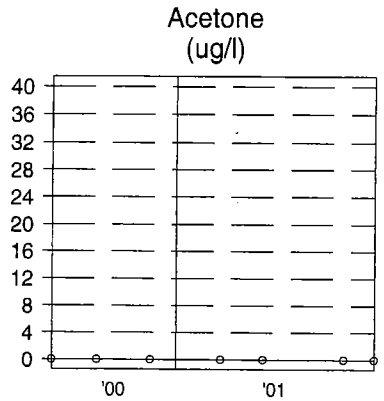


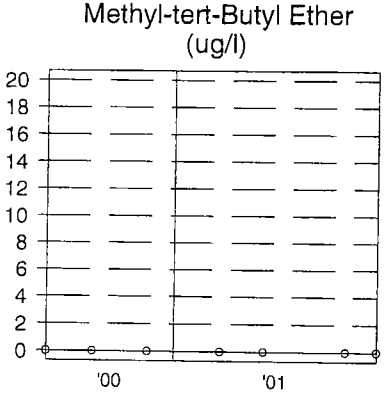


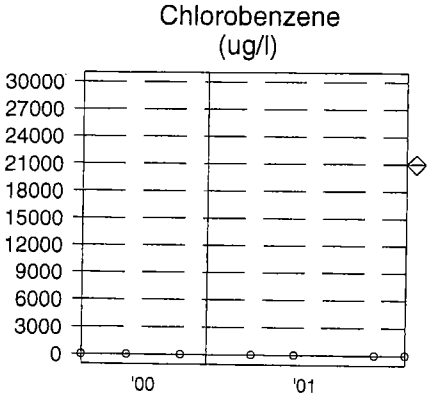












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06/12/2000 - 11/14/2001

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NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-05-2001 x:\mtech46\fm\streams\gw\streams.wsf

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: 1st QTR Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	2008604	Aqueous	11-Feb-02 08:59	02/11/02
Stream Site #21	2008605	Aqueous	11-Feb-02 08:50	02/11/02
Stream Site #20	2008606	Aqueous	11-Feb-02 08:55	02/11/02
Stream Site #09	2008607	Aqueous	11-Feb-02 09:10	02/11/02
Stream Site #19	2008608	Aqueous	11-Feb-02 09:21	02/11/02
Stream Site #12	2008609	Aqueous	11-Feb-02 09:30	02/11/02
Stream Site #18	2008610	Aqueous	11-Feb-02 09:36	02/11/02
Stream Site #11	2008611	Aqueous	11-Feb-02 09:41	02/11/02
Stream Site #15	2008612	Aqueous	11-Feb-02 09:53	02/11/02
Stream Site #23	2008613	Aqueous	11-Feb-02 09:58	02/11/02
Stream Site #24	2008614	Aqueous	11-Feb-02 10:03	02/11/02
Stream Site #16	2008615	Aqueous	11-Feb-02 10:11	02/11/02
Stream Site #27	2008616	Aqueous	11-Feb-02 10:40	02/11/02
Stream Site #07	2008617	Aqueous	11-Feb-02 10:34	02/11/02
Stream Site #28	2008618	Aqueous	11-Feb-02 10:27	02/11/02
Stream Site #04	2008619	Aqueous	11-Feb-02 10:21	02/11/02
Stream Site #05	2008620	Aqueous	11-Feb-02 10:17	02/11/02
Stream Site #25	2008621	Aqueous	11-Feb-02 10:47	02/11/02
Stream Site #17	2008622	Aqueous	11-Feb-02 10:53	02/11/02
Stream Site #26	2008623	Aqueous	11-Feb-02 10:59	02/11/02
Stream Site #03	2008624	Aqueous	11-Feb-02 11:04	02/11/02
Stream Site #14	2008625	Aqueous	11-Feb-02 11:15	02/11/02
Stream Site #13	2008626	Aqueous	11-Feb-02 11:25	02/11/02

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, PCB's, WET CHEMISTRY

3-21-02

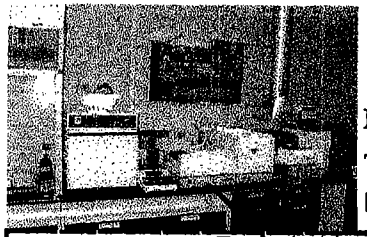
Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

SAMPLING



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 826223
( )DERA ( )OMA ( )Other:

Project No:
Location: Streams
1st Qtr '02

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL / H_2SO_4 / <4°c

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VOTs	NH_3 / NO_3	PO_4 / SO_4	T. Coli	PCB	pH (su)	Temp (°c)	Dissolved O_2	Remarks / Preservation Method	
20086	01	Trip	2/11/02	0750	AQ	2	✓					—	—	—	Salinity	
	02	Field Blank		0845		5	✓	✓	✓		✓	—	—	—	1 20/20	‰
	03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	—	—
	04	Stream Site #22		0859			✓	✓	✓	✓	✓	7.43	7.21	9.57	1.020	27
	05	#21		0850			✓	✓	✓	✓	✓	7.39	7.10	9.17	1.020	27
	06	#20 *		0855			✓	✓	✓	✓	✓	7.92	6.80	9.31	1.017	25
	07	#9		0910			✓	✓	✓	✓	✓	8.11	6.43	9.51	1.002	4
	08	#19		0921			✓	✓	✓	✓	✓	4.09	7.62	9.20	1.000	0
	09	#12		0930			✓	✓	✓	✓	✓	7.76	8.10	9.01	1.000	0
	10	#18		0936			✓	✓	✓	✓	✓	7.62	8.01	9.07	1.000	0
	11	#4		0941			✓	✓	✓	✓	✓	7.41	7.91	9.97	1.000	0
	12	#15		0953			✓	✓	✓	✓	✓	7.77	7.83	9.10	1.000	0
	13	#23		0958			✓	✓	✓	✓	✓	7.42	7.79	9.37	1.000	0
	14	#24		1003			✓	✓	✓	✓	✓	7.31	7.77	9.21	1.000	0

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	2/11/02 1130	J. Wright			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H→O

print legibly

Coc.xls1/23/02

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Hallow
Phone #: X26223
( )DERA ( )OMA ( )Other:

Project No:
Location: Streams
1st Qtr '02

Samplers Name / Company: Corey McCormack, TVS

Comments: HCl/H_2SO_4/<4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTCs	NH_3/NO_3	PO_4/SO_4	T. Coli	PCB	pH (su)	Temp (°C)	Dissolved O_2	Remarks / Preservation Method	
200.86 15	Stream site #16	2/11/02	1011	AQ	6	✓	✓	✓	✓	✓	6.91	6.71	9.67	1.003	7
16	#27		1040			✓	✓	✓	✓	✓	7.41	7.21	9.37	1.010	14
17	#7		1034			✓	✓	✓	✓	✓	7.21	7.07	9.07	1.009	13
18	#28		1027			✓	✓	✓	✓	✓	7.11	6.77	8.91	1.009	13
19	#4		1021			✓	✓	✓	✓	✓	7.07	6.21	8.97	1.007	11
20	#5		1017			✓	✓	✓	✓	✓	7.04	6.51	8.88	1.005	9
21	#25		1047			✓	✓	✓	✓	✓	7.91	7.30	8.92	1.004	8
22	#17		1053			✓	✓	✓	✓	✓	7.77	7.21	8.91	1.003	7
23	#26		1059			✓	✓	✓	✓	✓	7.74	6.07	8.41	1.002	4
24	#03		1104			✓	✓	✓	✓	✓	7.69	6.41	10.07	1.002	4
25	#14		1115			✓	✓	✓	✓	✓	7.79	6.37	8.07	1.001	3
26	#13		1125			✓	✓	✓	✓	✓	7.67	6.35	10.11	1.000	0
~~27~~ cm															

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	2/11/02 11:30	J. Allegra			
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, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H→O

print legibly

Coc.xls1/23/02

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	:	Method Detection Limit
J	:	Compound identified below detection limit
B	:	Compound found in blank
D	:	Results are from a dilution of the sample
U	:	Compound searched for but not detected
E	:	Compound exceeds calibration limit
PQL	:	Practical Quantitation Limit
NLE	:	No limit established
RT	:	Retention time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010836.D**	Sample Name	**MB 19Feb02**
Operator	**Skelton**	Field ID	**MB 19Feb02**
Date Acquired	**19 Feb 2002 9:57 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010836.D**	Sample Name	**MB 19Feb02**
Operator	**Skelton**	Field ID	**MB 19Feb02**
Date Acquired	**19 Feb 2002 9:57 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9!

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

C:\HPCHEM\Custrpt\streams\FRESHWATER.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 19Feb02

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB 19Feb02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010836.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. Date Analyzed: 2/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010871.D**	Sample Name	**MB 20Feb2002**
Operator	**Skelton**	Field ID	**MB 20Feb2002**
Date Acquired	**20 Feb 2002 10:37 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010871.D**	Sample Name	**MB 20Feb2002**
Operator	**Skelton**	Field ID	**MB 20Feb2002**
Date Acquired	**20 Feb 2002 10:37 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 20Feb02

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB 20Feb2002

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010871.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. Date Analyzed: 2/20/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010845.D**	Sample Name	**2008601**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**19 Feb 2002 4:19 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010845.D**	Sample Name	**2008601**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**19 Feb 2002 4:19 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2008601

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010845.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. Date Analyzed: 2/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010846.D**	Sample Name	**2008602**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**19 Feb 2002 5:00 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010846.D**	Sample Name	**2008602**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**19 Feb 2002 5:00 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2008602

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010846.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. Date Analyzed: 2/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010847.D**	Sample Name	**2008603**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**19 Feb 2002 5:41 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010847.D**	Sample Name	**2008603**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**19 Feb 2002 5:41 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2008603

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010847.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. _____ Date Analyzed: 2/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010848.D**	Sample Name	**2008604**
Operator	**Skelton**	Field ID	**StreamSite #22**
Date Acquired	**19 Feb 2002 6:23 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#22

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2008604

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010848.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. Date Analyzed: 2/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010849.D**	Sample Name	**2008605**
Operator	**Skelton**	Field ID	**StreamSite #21**
Date Acquired	**19 Feb 2002 7:05 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#21

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2008605

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010849.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. Date Analyzed: 2/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010850.D**	Sample Name	**2008606**
Operator	**Skelton**	Field ID	**StreamSite #20**
Date Acquired	**19 Feb 2002 7:47 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSire#20

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2008606

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010850.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. _____ Date Analyzed: 2/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010851.D**	Sample Name	**2008607**
Operator	**Skelton**	Field ID	**StreamSite #09**
Date Acquired	**19 Feb 2002 8:29 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#09

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2008607

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010851.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. Date Analyzed: 2/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010852.D**	Sample Name	**2008608**
Operator	**Skelton**	Field ID	**StreamSite #19**
Date Acquired	**19 Feb 2002 9:11 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#19

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2008608

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010852.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. Date Analyzed: 2/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010853.D**	Sample Name	**2008609**
Operator	**Skelton**	Field ID	**StreamSite #12**
Date Acquired	**19 Feb 2002 9:53 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SteamSite#12

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2008609

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010853.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. Date Analyzed: 2/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010854.D**	Sample Name	**2008610**
Operator	**Skelton**	Field ID	**StreamSite #18**
Date Acquired	**19 Feb 2002 10:35 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#18

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2008610

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010854.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. Date Analyzed: 2/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010855.D**	Sample Name	**2008611**
Operator	**Skelton**	Field ID	**StreamSite #11**
Date Acquired	**19 Feb 2002 11:16 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.80	59126	1.05 ug/L	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SteamSite#11

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2008611

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010855.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. _____ Date Analyzed: 2/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010856.D**	Sample Name	**2008612**
Operator	**Skelton**	Field ID	**StreamSite #15**
Date Acquired	**19 Feb 2002 11:59 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene	25.38	119545	2.65 ug/L	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#15

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2008612

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010856.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. _____ Date Analyzed: 2/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010857.D**	Sample Name	**2008613**
Operator	**Skelton**	Field ID	**StreamSite #23**
Date Acquired	**20 Feb 2002 12:41 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene	25.37	124352	2.85 ug/L	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#23

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2008613

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010857.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. _____ Date Analyzed: 2/20/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010858.D**	Sample Name	**2008614**
Operator	**Skelton**	Field ID	**StreamSite #24**
Date Acquired	**20 Feb 2002 1:22 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene	25.38	119816	2.69 ug/L	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SteamSite#24

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2008614

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010858.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. _____ Date Analyzed: 2/20/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010859.D**	Sample Name	**2008615**
Operator	**Skelton**	Field ID	**StreamSite #16**
Date Acquired	**20 Feb 2002 2:04 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene	25.38	109611	2.47 ug/L	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#16

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2008615

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010859.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. _____ Date Analyzed: 2/20/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010860.D**	Sample Name	**2008616**
Operator	**Skelton**	Field ID	**StreamSite #27**
Date Acquired	**20 Feb 2002 2:46 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#27

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2008616

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010860.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. _____ Date Analyzed: 2/20/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010861.D**	Sample Name	**2008617**
Operator	**Skelton**	Field ID	**StreamSite #07**
Date Acquired	**20 Feb 2002 3:28 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#07

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2008617

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010861.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. Date Analyzed: 2/20/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010862.D**	Sample Name	**2008618**
Operator	**Skelton**	Field ID	**StreamSite #28**
Date Acquired	**20 Feb 2002 4:09 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene	25.38	67833	1.55 ug/L	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#28

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2008618

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010862.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. _____ Date Analyzed: 2/20/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010863.D**	Sample Name	**2008619**
Operator	**Skelton**	Field ID	**StreamSite #04**
Date Acquired	**20 Feb 2002 4:51 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene	25.38	70963	1.64 ug/L	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#04

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2008619

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010863.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. Date Analyzed: 2/20/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010864.D**	Sample Name	**2008620**
Operator	**Skelton**	Field ID	**StreamSite #05**
Date Acquired	**20 Feb 2002 5:32 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene	25.38	105535	2.44 ug/L	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#05

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2008620

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010864.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. _____ Date Analyzed: 2/20/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010865.D**	Sample Name	**2008621**
Operator	**Skelton**	Field ID	**StreamSite #25**
Date Acquired	**20 Feb 2002 6:14 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#25

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2008621

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010865.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. _____ Date Analyzed: 2/20/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010866.D**	Sample Name	**2008622**
Operator	**Skelton**	Field ID	**StreamSite #17**
Date Acquired	**20 Feb 2002 6:56 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#17

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2008622

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010866.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. _____ Date Analyzed: 2/20/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010867.D**	Sample Name	**2008623**
Operator	**Skelton**	Field ID	**StreamSite #26**
Date Acquired	**20 Feb 2002 7:37 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#26

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2008623

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010867.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. _____ Date Analyzed: 2/20/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010868.D**	Sample Name	**2008624**
Operator	**Skelton**	Field ID	**StreamSite #03**
Date Acquired	**20 Feb 2002 8:19 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#03

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2008624

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010868.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. _____ Date Analyzed: 2/20/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010872.D**	Sample Name	**2008625**
Operator	**Skelton**	Field ID	**StreamSite #14**
Date Acquired	**20 Feb 2002 11:31 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SteamSite#14

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2008625

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010872.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. _____ Date Analyzed: 2/20/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB010873.D**	Sample Name	**2008626**
Operator	**Skelton**	Field ID	**StreamSite #13**
Date Acquired	**20 Feb 2002 12:12 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9f

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#13

Lab Name: FMETL Project: 1st Qtr

NJDEP#: 13461 Case No.: 20086 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2008626

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB010873.D

Level: (low/med) LOW Date Received: 2/11/02

% Moisture: not dec. Date Analyzed: 2/20/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

PCB's

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB 2/13
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB-2963
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/15/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008602
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	FIELD BLANK
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008603
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	DUPE
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008604
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	22
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008605
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	21
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008606
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	20
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008607
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	9
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected

MDL = Method Detection Limit

NLE = No Limit Established

PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um

Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008608
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	19
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008609
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	12
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008610
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	18
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008611
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008612
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	15
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008613
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008614
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	24
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008615
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	16
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008616
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	27
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008617
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	7
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008618
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	28
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008619
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	4
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008620
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	5
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008621
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	25
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008622
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	17
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008623
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	26
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected

MDL = Method Detection Limit

NLE = No Limit Established

PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um

Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008624
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	3
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008625
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	14
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2008626
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/02
	Bldg. 173	**Extraction Date:**	2/13/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/20/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	13
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

WET CHEMISTRY

Stream Water Analysis
1st Quarter 2002

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
2008604	2/11/02	22	7.43	ND	0.45	0.16	2995	9.57	200	20	27
2008605	2/11/02	21	7.39	ND	0.42	0.18	1915	9.17	20	0	27
2008606	2/11/02	20	7.92	ND	0.41	0.20	1980	9.31	300	0	25
2008607	2/11/02	9	8.11	ND	0.77	0.24	153	9.51	600	840	4
2008608	2/11/02	19	8.19	ND	0.83	0.05	73.3	9.20	740	1060	0
2008609	2/11/02	12	7.76	ND	0.87	0.13	76.8	9.01	660	1200	0
2008610	2/11/02	18	7.62	ND	0.75	0.16	74.1	9.07	680	1100	0
2008611	2/11/02	11	7.41	ND	0.88	0.22	53.4	9.97	1100	460	0
2008612	2/11/02	15	7.77	ND	0.44	0.18	111	9.10	380	180	0
2008613	2/11/02	23	7.42	ND	0.53	0.09	111	9.37	360	140	0
2008614	2/11/02	24	7.31	ND	0.43	0.05	114	9.21	280	200	0
2008615	2/11/02	16	6.91	ND	0.33	0.14	152	9.67	420	20	7
2008616	2/11/02	27	7.41	ND	0.09	0.23	799	9.37	760	800	14
2008617	2/11/02	7	7.21	ND	0.05	0.30	658	9.07	440	840	13
2008618	2/11/02	28	7.11	ND	0.25	0.23	211	8.91	580	260	13
2008619	2/11/02	4	7.07	ND	0.24	0.18	205	8.97	560	480	11
2008620	2/11/02	5	7.04	ND	0.32	0.20	146	8.88	400	120	9
2008621	2/11/02	25	7.91	ND	0.04	0.31	114	8.92	960	460	8
2008622	2/11/02	17	7.77	ND	0.14	0.28	120	8.91	1400	880	7
2008623	2/11/02	26	7.74	ND	0.09	0.34	122	8.91	840	680	4
2008624	2/11/02	3	7.69	ND	0.09	0.19	120	10.07	1040	620	4
2008625	2/11/02	14	7.79	ND	0.70	0.08	61.2	8.07	560	960	3
2008626	2/11/02	13	7.67	ND	0.66	0.18	63.4	10.11	940	440	0

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed: 2/26/02
Reviewed: 2/26/02

3-21-02

Daniel K. Wright

Laboratory Director

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	2.00	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	1.09	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

SOURCE: 3

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

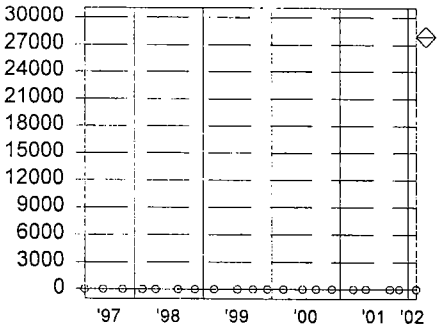
Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

Fort Monmouth

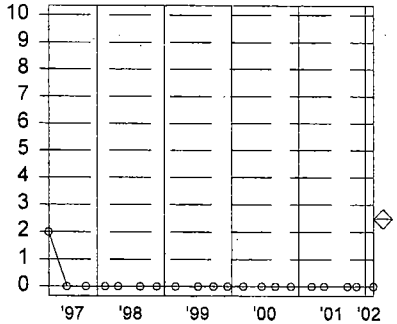
GW Monitoring
Streams

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

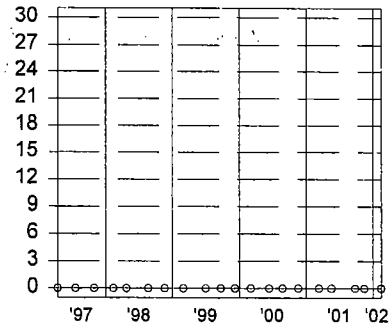
Ethylbenzene
(ug/l)



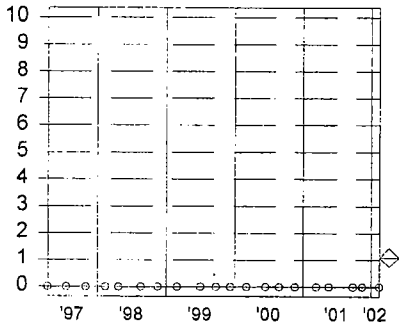
Methylene Chloride
(ug/l)



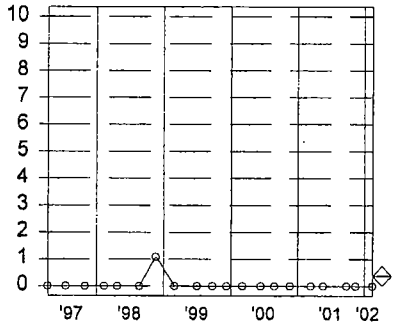
cis-1,2-Dichloroethene
(ug/l)



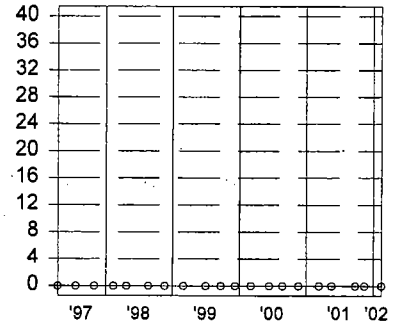
Trichloroethene
(ug/l)



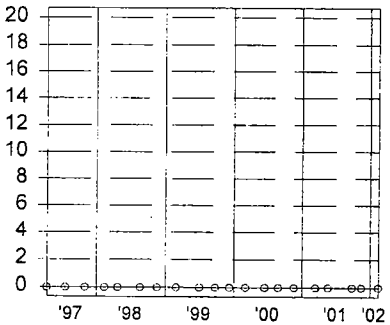
Tetrachloroethene
(ug/l)



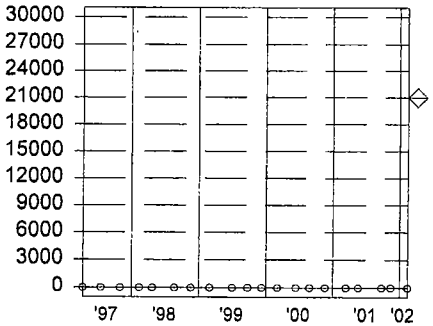
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 3

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	2.18	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	1.63	ND	1.61	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	1.24	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	6.61	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	4.42	ND	ND	ND		
08/19/1998	FMETL	ND	ND	1.92	1.10	2.85	ND	ND	ND		
11/17/1998	FMETL	ND	ND	1.19	ND	1.62	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	5.61	ND	ND	ND		
06/29/1999	FMETL	ND	ND	2.41	1.56	5.27	ND	ND	ND		
09/22/1999	FMETL	ND	ND	2.02	ND	1.85	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.23	1.26	6.18	ND	2.18	ND		
06/12/2000	FMETL	ND	ND	ND	ND	4.37	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.19	1.19	3.19	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	3.70	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	2.52	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	2.95	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	1.64	ND	ND	ND		V

SOURCE: 4

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit is NLE
TCE limit is 81
PCE limit is 4.29

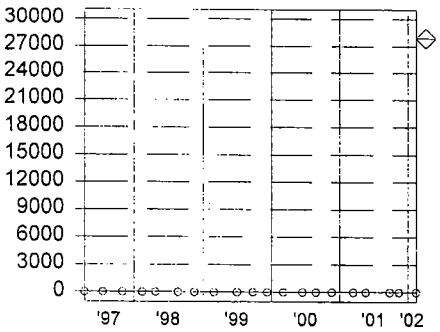
Fort Monmouth

GW Monitoring
Streams

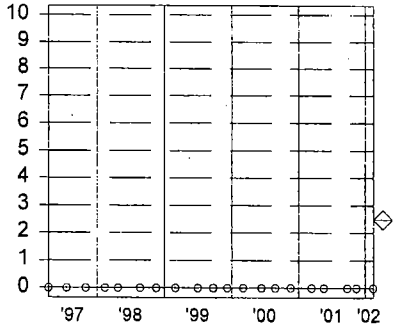
Source 2 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

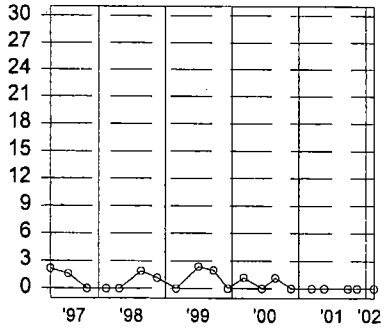
Ethylbenzene
(ug/l)



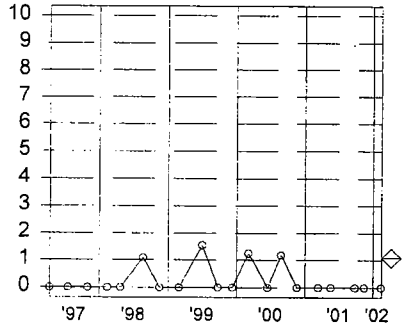
Methylene Chloride
(ug/l)



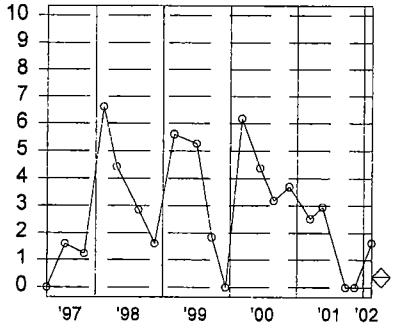
cis-1,2-Dichloroethene
(ug/l)



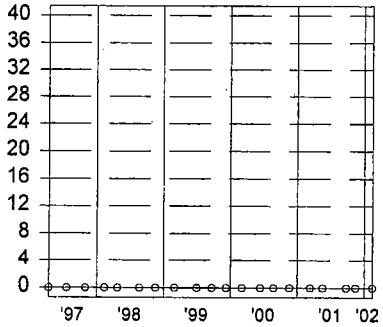
Trichloroethene
(ug/l)



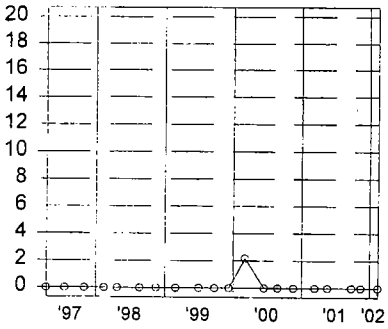
Tetrachloroethene
(ug/l)



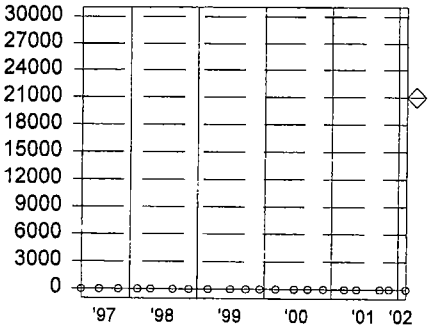
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 4

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	1.96	1.80	ND	2.28	ND	ND	ND		
07/17/1997	FMETL	ND	ND	3.66	ND	3.54	ND	ND	ND		
10/30/1997	FMETL	ND	ND	1.83	ND	1.70	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	6.34	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	4.48	ND	ND	ND		
08/19/1998	FMETL	ND	ND	2.28	1.27	3.39	ND	ND	ND		
11/17/1998	FMETL	ND	ND	1.67	ND	2.17	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	5.45	ND	ND	ND		
06/29/1999	FMETL	ND	ND	2.74	1.74	6.04	ND	ND	ND		
09/22/1999	FMETL	ND	ND	1.96	ND	1.82	ND	ND	ND		
12/09/1999	FMETL	ND	ND	1.60	ND	3.82	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.27	1.36	6.62	ND	2.34	ND		
06/12/2000	FMETL	ND	ND	ND	ND	4.38	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.19	ND	3.44	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	3.58	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	0.97	ND	4.09	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	1.51	ND	1.99	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	2.44	ND	ND	ND		V

SOURCE: 5

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

Page 1 of 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

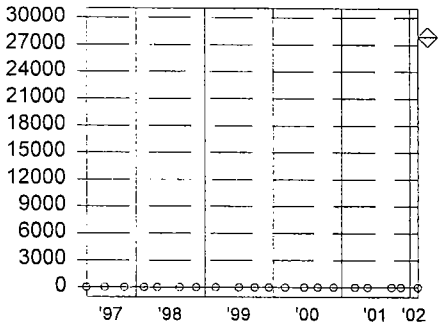
Fort Monmouth

GW Monitoring
Streams

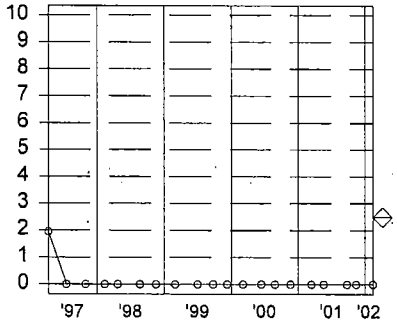
Source 3 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

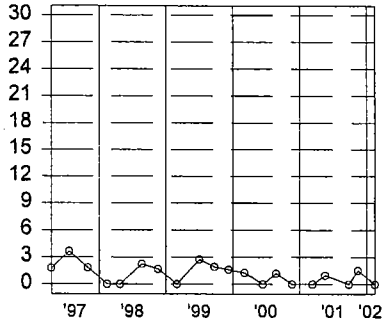
Ethylbenzene
(ug/l)



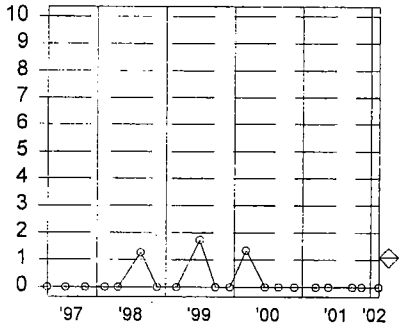
Methylene Chloride
(ug/l)



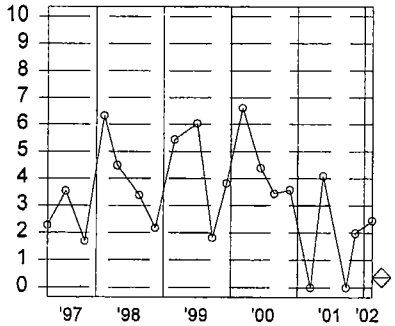
cis-1,2-Dichloroethene
(ug/l)



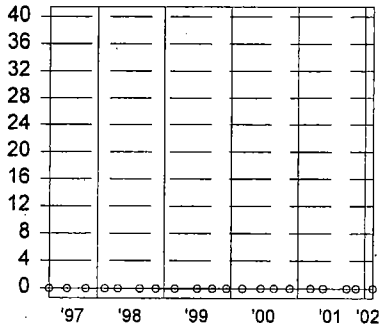
Trichloroethene
(ug/l)



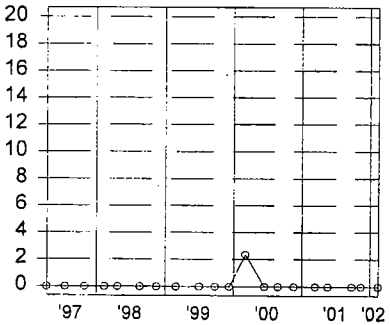
Tetrachloroethene
(ug/l)



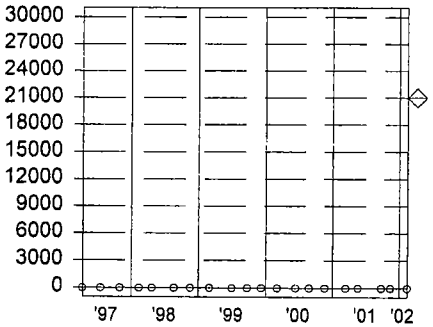
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 5

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	1.14	ND	1.08	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	2.04	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	2.40	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	2.85	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	1.42	2.94	2.00	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.19	1.30	6.47	ND	2.14	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	1.77	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	1.94	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

SOURCE: 7

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

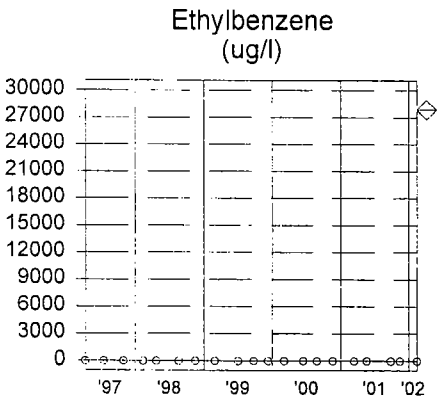
Page 1 of 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

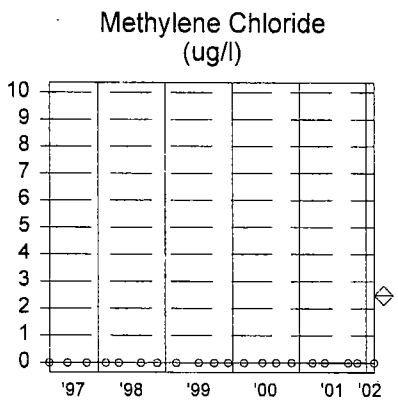
Fort Monmouth

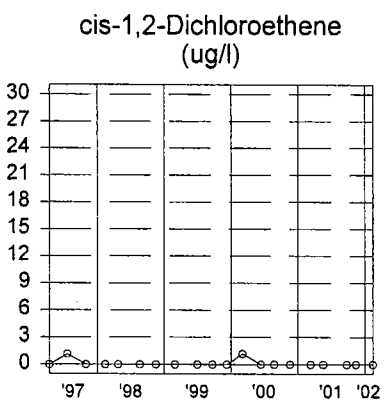
GW Monitoring
Streams

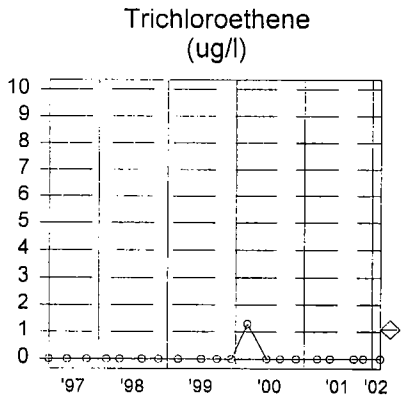
Source 4 of 23

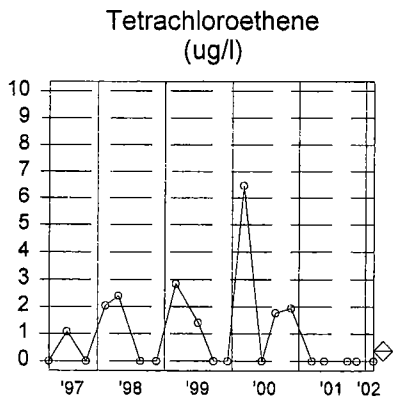
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

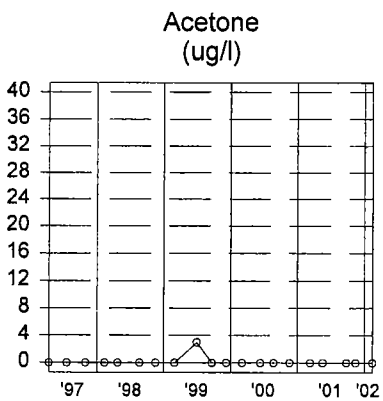


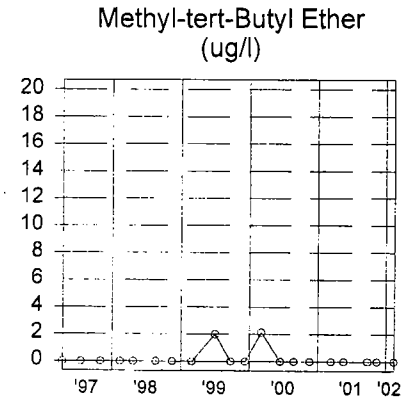


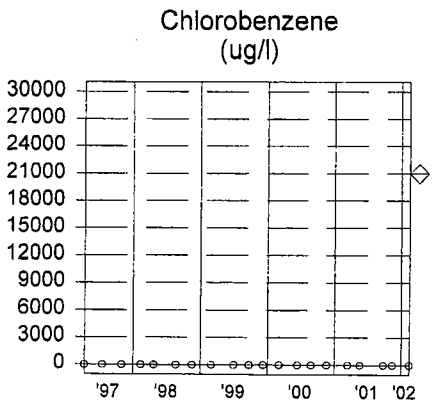












SOURCE: 7

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	1.82	2.78	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	2.14	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	6.00	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	4.73	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	1.69	ND	ND	ND	ND	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	1.78	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	2.50	ND	ND		
09/21/1999	FMETL	ND	ND	1.91	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	25.08	ND	ND		
03/01/2000	FMETL	ND	ND	2.17	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.11	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/20/2000D	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	1.72	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

SOURCE: 9

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

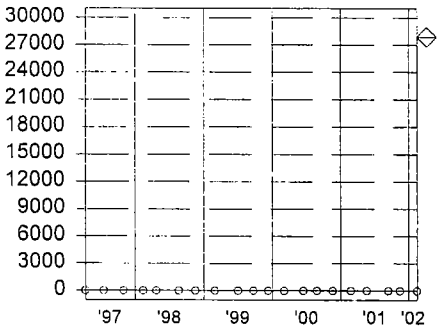
Fort Monmouth

GW Monitoring
Streams

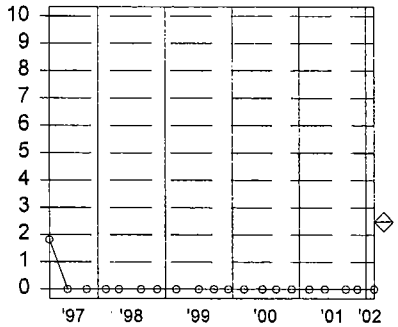
Source 5 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

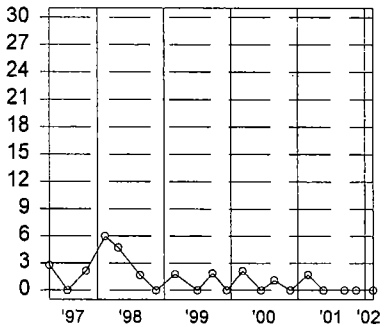
Ethylbenzene
(ug/l)



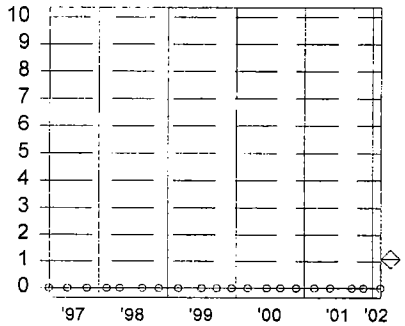
Methylene Chloride
(ug/l)



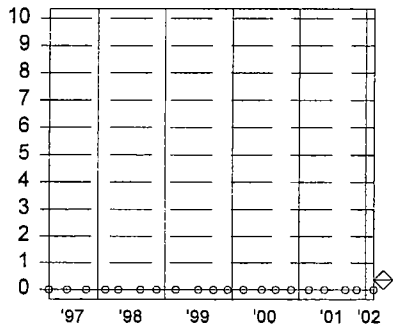
cis-1,2-Dichloroethene
(ug/l)



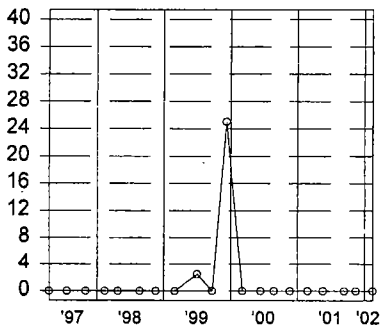
Trichloroethene
(ug/l)



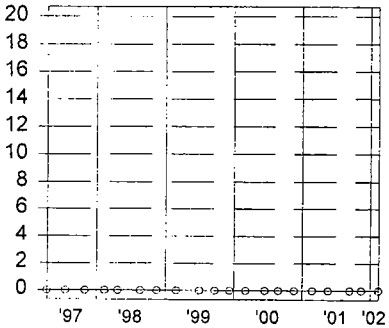
Tetrachloroethene
(ug/l)



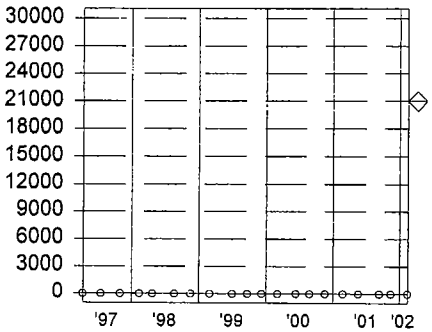
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 9

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	18.72	1.58	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	14.13	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	18.23	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	24.71	2.14	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	21.66	1.82	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	11.73	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	8.82	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	9.11	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	5.77	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	15.62	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	11.90	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	11.01	ND	ND	ND	1.64	ND		
06/12/2000	FMETL	ND	ND	8.03	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	9.08	ND	ND	ND	ND	ND		
08/24/2000D	FMETL	ND	ND	8.70	ND	ND	6.22	ND	ND		
11/20/2000	FMETL	ND	ND	5.34	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	8.26	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	5.21	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	1.93	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	1.05	ND	ND	ND	ND	ND		V

SOURCE: 11

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

Page 1 of1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

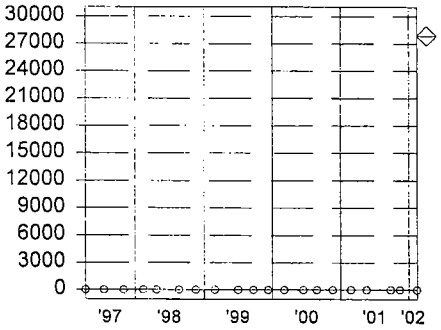
Fort Monmouth

GW Monitoring
Streams

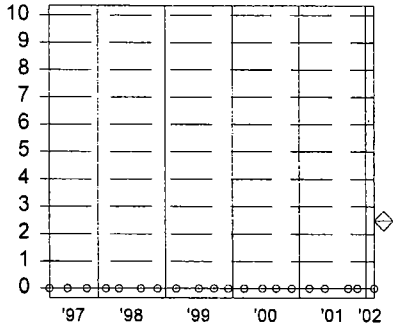
Source 6 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

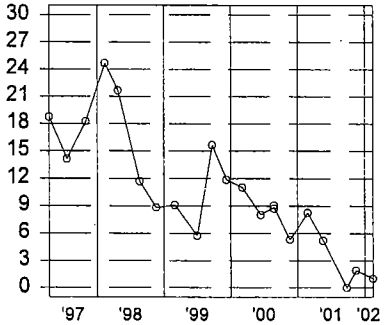
Ethylbenzene
(ug/l)



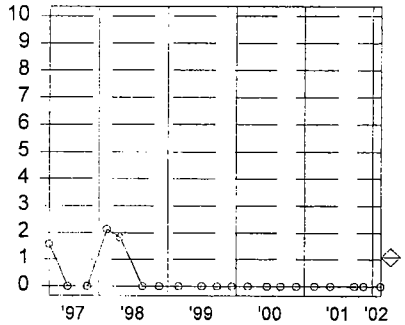
Methylene Chloride
(ug/l)



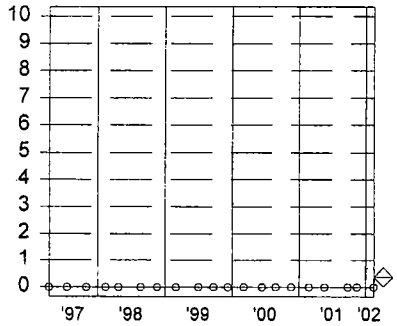
cis-1,2-Dichloroethene
(ug/l)



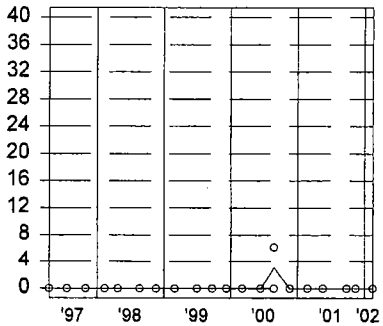
Trichloroethene
(ug/l)



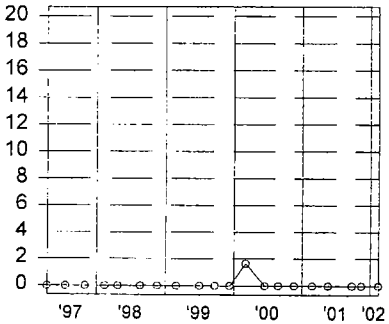
Tetrachloroethene
(ug/l)



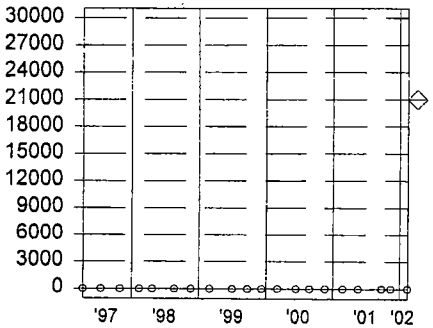
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 11

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	6.63	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	5.67	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	6.54	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	4.58	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	2.48	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	1.80	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	1.39	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	3.67	ND	ND	9.54	ND	ND		
12/09/1999	FMETL	ND	ND	2.74	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	3.13	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.00	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	1.87	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	1.89	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.66	ND	ND	ND	ND	ND		-
05/16/2001D	FMETL	ND	ND	1.72	ND	ND	ND	ND	ND		-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

SOURCE: 12

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

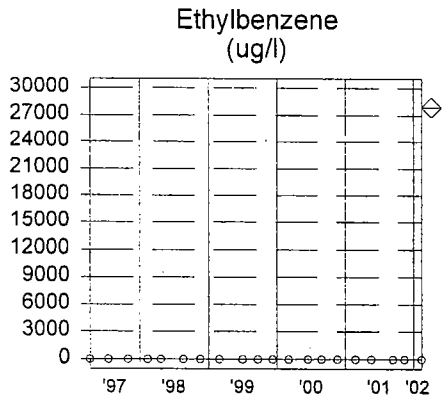
Page 1 of 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

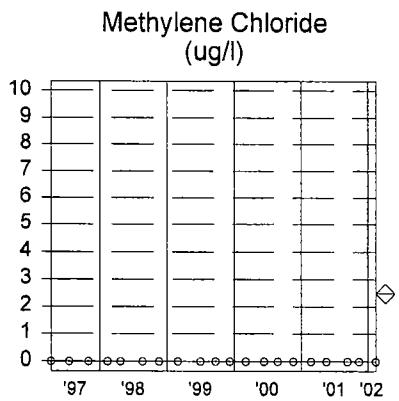
Fort Monmouth

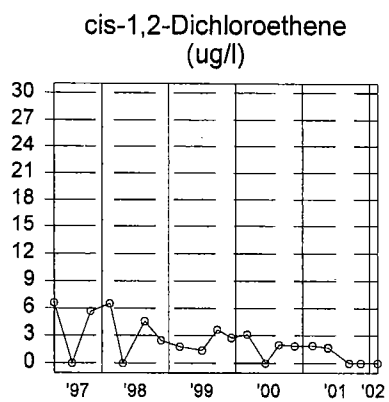
GW Monitoring
Streams

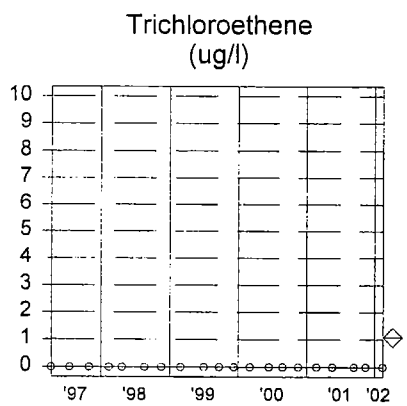
Source 7 of 23

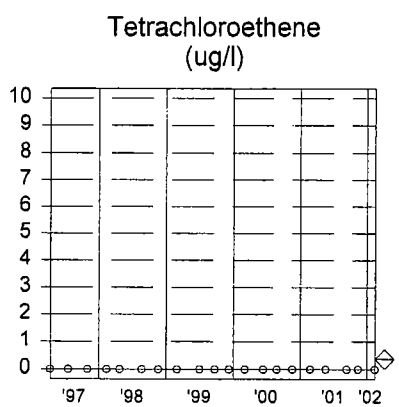
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

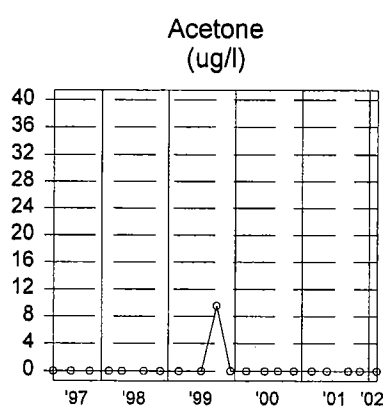


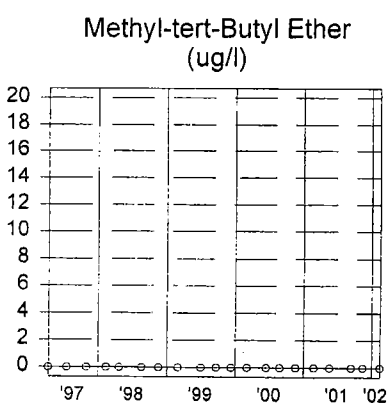


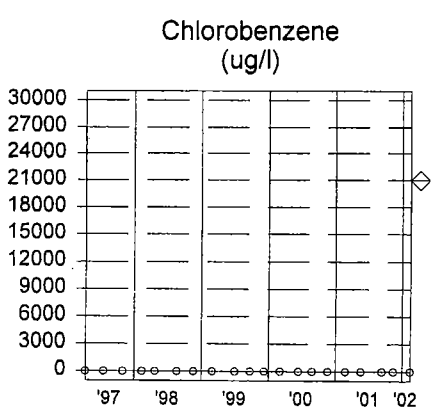












SOURCE: 12

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	1.91	ND	ND	ND	2.81	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	3.94	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.35	1.40	6.92	ND	2.40	ND		
06/12/2000	FMETL	ND	ND	ND	ND	5.56	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.17	1.78	5.40	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	6.58	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

SOURCE: 13

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

Page 1 of 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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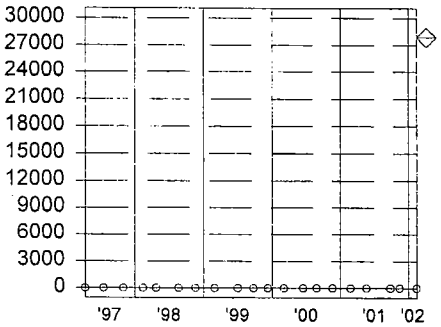
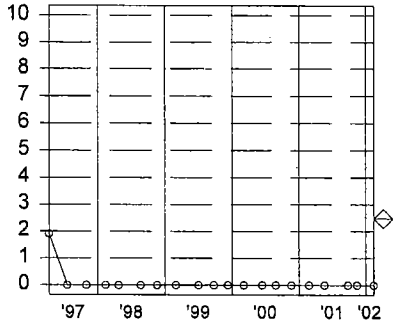
FORT MONMOUTH
SELFM-PW-EV

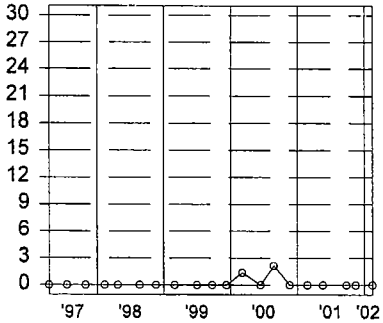
Ethylbenzene
(ug/l)



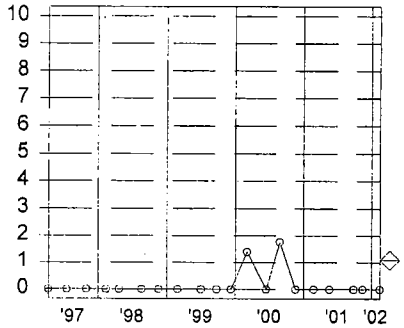
Methylene Chloride
(ug/l)



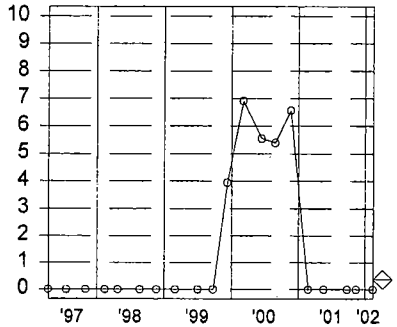
cis-1,2-Dichloroethene
(ug/l)



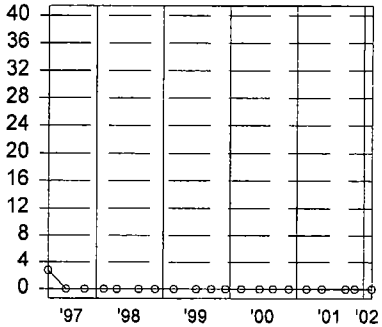
Trichloroethene
(ug/l)



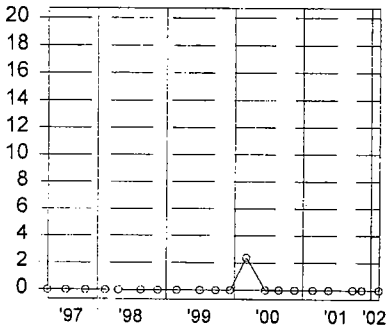
Tetrachloroethene
(ug/l)



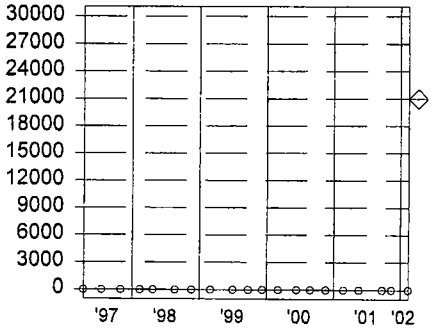
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 13

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	3.94	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	1.59	1.75	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	ND	3.32	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	11.26	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

SOURCE: 14

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

Page 1 of 1
Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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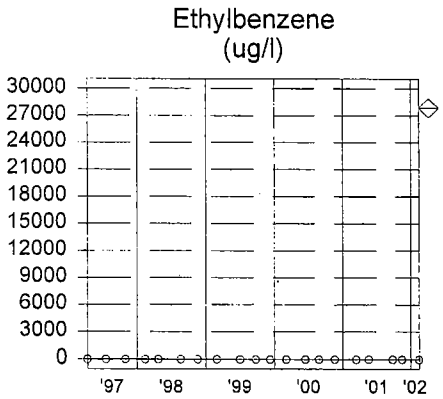
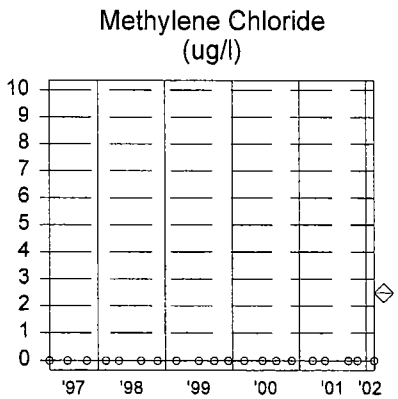
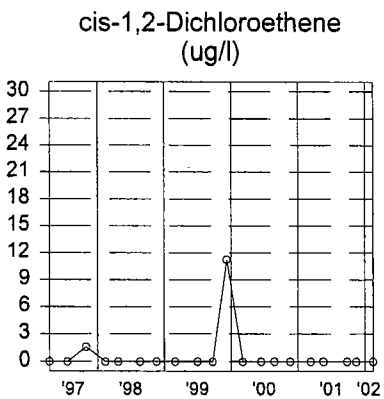
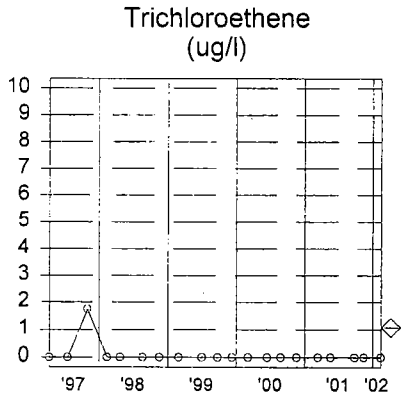
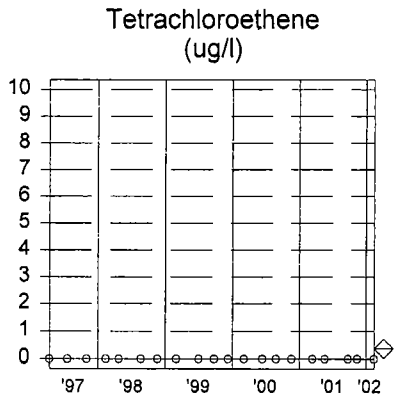
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

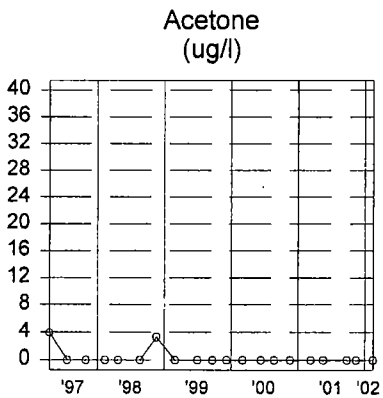


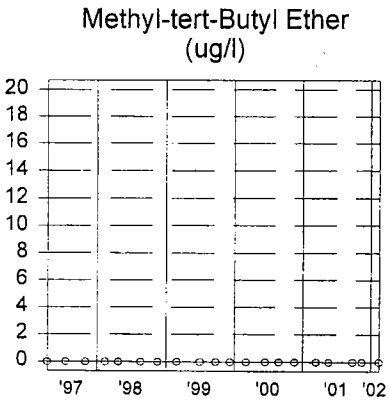


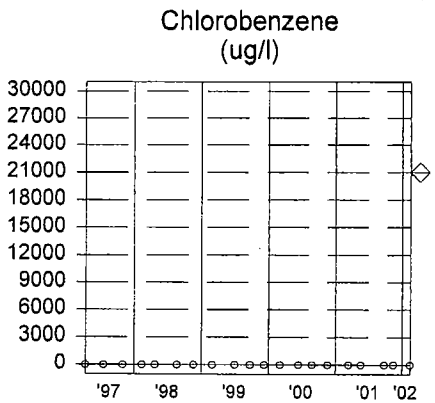












SOURCE: 14

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 9 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	2.69	1.60	6.00	ND	ND	ND		
07/17/1997	FMETL	ND	ND	5.53	2.50	7.12	ND	ND	ND		
10/30/1997	FMETL	ND	ND	2.57	ND	2.72	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	1.03	6.90	ND	ND	ND		
04/21/1998	FMETL	ND	ND	1.22	1.21	5.72	ND	ND	ND		
08/19/1998	FMETL	ND	ND	3.89	2.06	5.39	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	7.33	ND	ND	ND		
06/29/1999	FMETL	ND	ND	4.17	2.40	7.86	ND	ND	ND		
09/21/1999	FMETL	ND	ND	3.59	1.37	2.61	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	4.08	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.39	1.39	6.95	ND	2.38	ND		
06/12/2000	FMETL	ND	ND	ND	ND	5.94	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.02	1.09	5.20	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	6.29	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	7.19	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.50	ND	6.64	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	3.09	ND	3.49	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	2.65	ND	ND	ND		V

SOURCE: 15

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

Page 1 of 1
Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

Fort Monmouth

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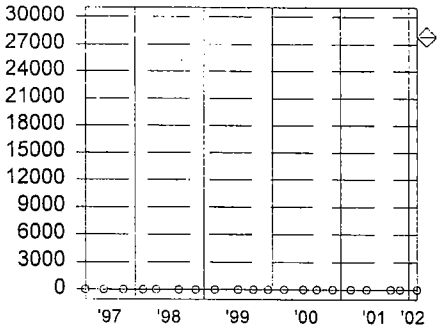
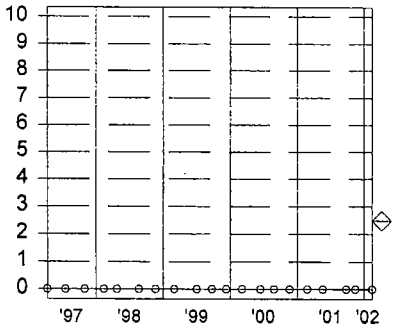
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

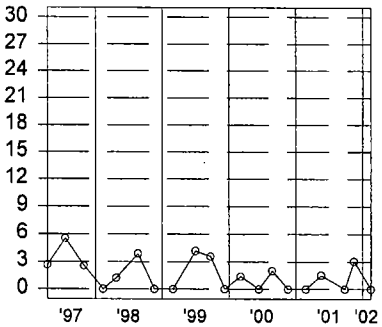
Ethylbenzene
(ug/l)



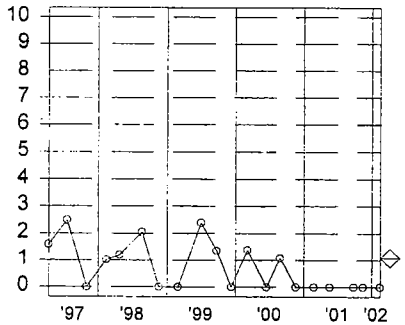
Methylene Chloride
(ug/l)



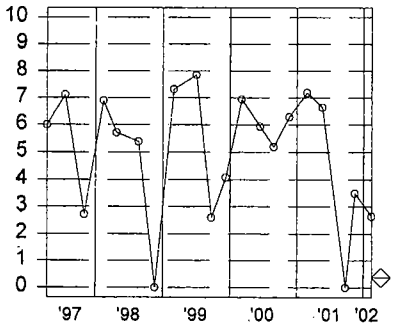
cis-1,2-Dichloroethene
(ug/l)



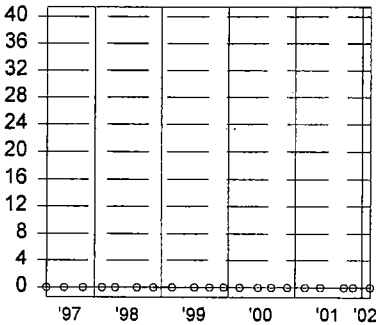
Trichloroethene
(ug/l)



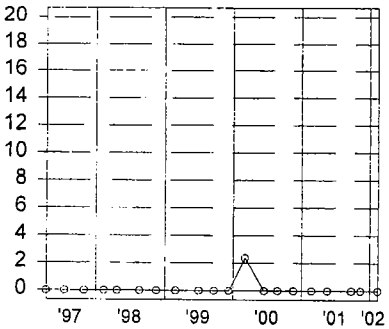
Tetrachloroethene
(ug/l)



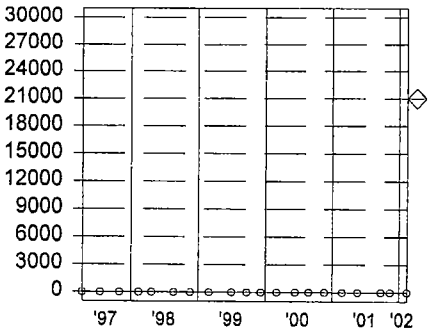
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 15

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 10 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	2.05	1.26	4.47	ND	ND	ND		
07/17/1997	FMETL	ND	ND	2.55	ND	4.72	ND	ND	ND		
10/30/1997	FMETL	ND	ND	1.76	ND	1.86	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	6.23	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	4.58	ND	ND	ND		
08/19/1998	FMETL	ND	ND	2.94	1.63	4.33	ND	ND	ND		
11/18/1998	FMETL	ND	ND	ND	ND	1.48	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	6.06	ND	ND	ND		
06/29/1999	FMETL	ND	ND	3.56	2.25	7.70	ND	ND	ND		
09/22/1999	FMETL	ND	ND	2.74	ND	2.63	ND	ND	ND		
12/09/1999	FMETL	ND	ND	1.79	ND	4.13	ND	ND	ND		
03/01/2000	FMETL	ND	ND	1.28	1.27	6.47	ND	2.33	ND		
06/12/2000	FMETL	ND	ND	ND	ND	3.74	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.68	1.28	4.47	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	4.49	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	6.25	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.23	ND	4.91	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	1.41	ND	2.00	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	2.47	ND	ND	ND		V

SOURCE: 16

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

Page 1 of 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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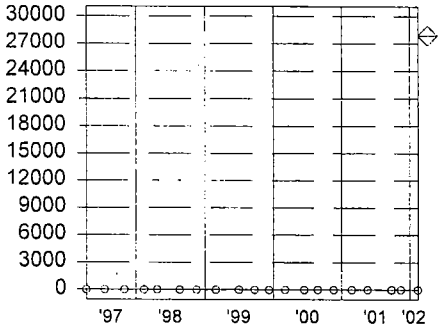
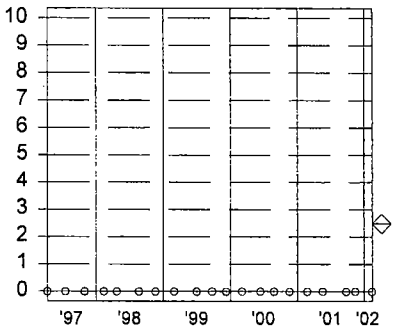
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

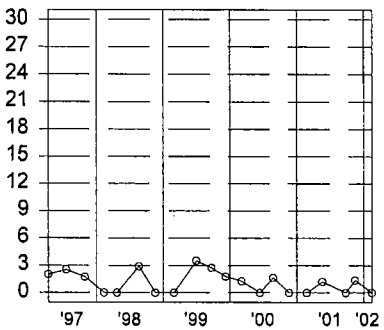
Ethylbenzene
(ug/l)



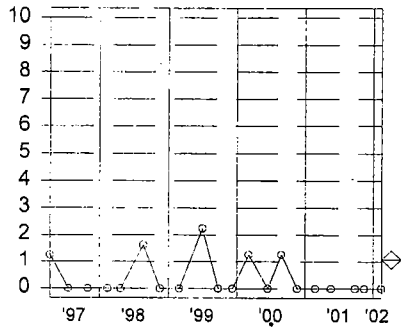
Methylene Chloride
(ug/l)



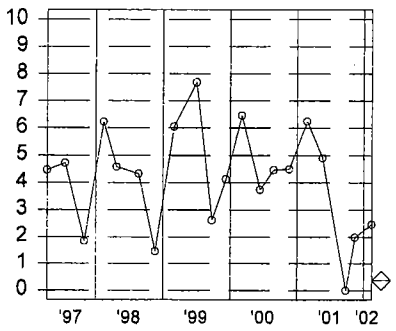
cis-1,2-Dichloroethene
(ug/l)



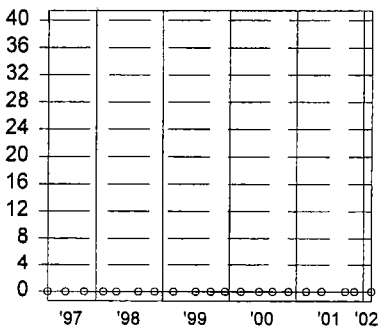
Trichloroethene
(ug/l)



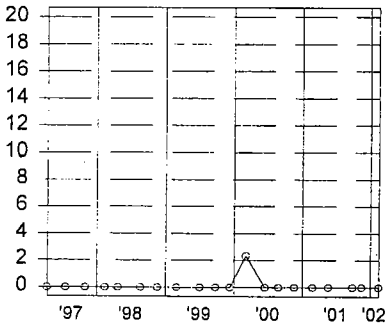
Tetrachloroethene
(ug/l)



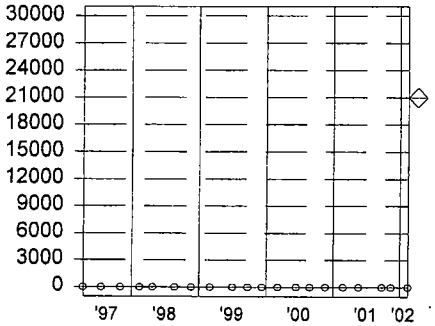
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 16

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	1.97	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	1.59		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	4.43	2.12	5.09	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/22/1999	FMETL	ND	ND	1.09	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

SOURCE: 17

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

Page 1 of 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

Fort Monmouth

GW Monitoring
Streams

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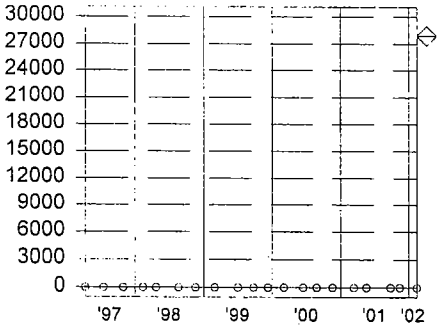
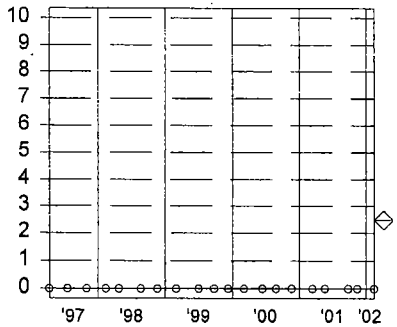
FORT MONMOUTH
SELFM-PW-EV

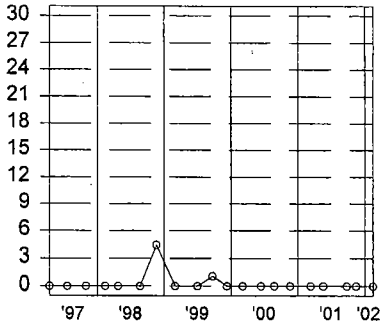
Ethylbenzene
(ug/l)



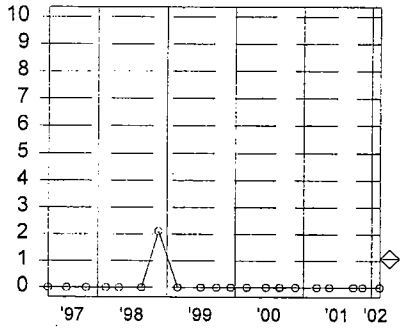
Methylene Chloride
(ug/l)



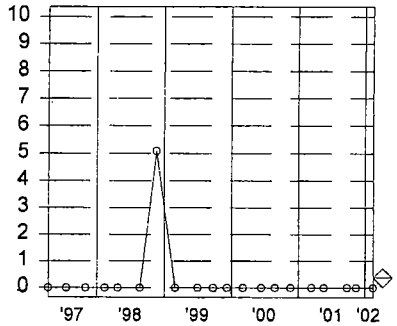
cis-1,2-Dichloroethene
(ug/l)



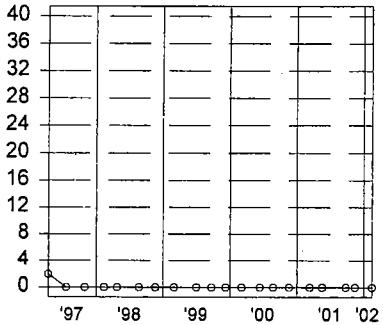
Trichloroethene
(ug/l)



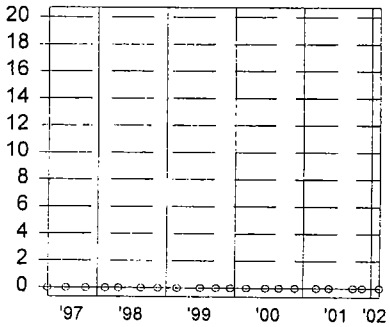
Tetrachloroethene
(ug/l)



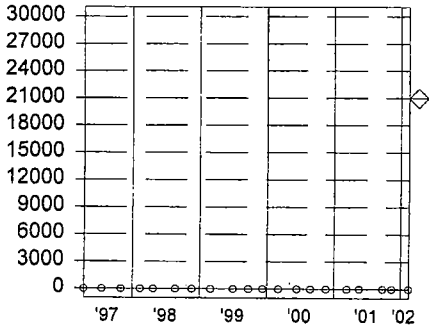
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 17

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	1.06	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	5.87	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	14.36	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	4.65	ND	ND	ND	ND	ND		
11/18/1998	FMETL	ND	ND	3.18	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	3.95	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	1.47	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	4.67	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	4.90	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	5.57	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.46	ND	ND	15.24	ND	ND		
11/20/2000	FMETL	ND	ND	1.80	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	4.10	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.45	ND	ND	ND	ND	ND		-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/11/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

SOURCE: 18

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

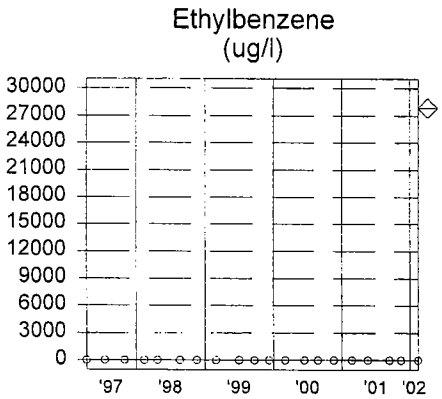
Page 1 of 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

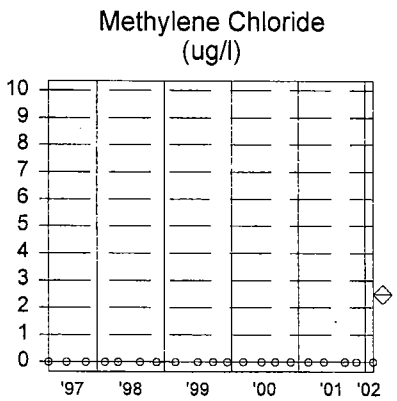
Fort Monmouth

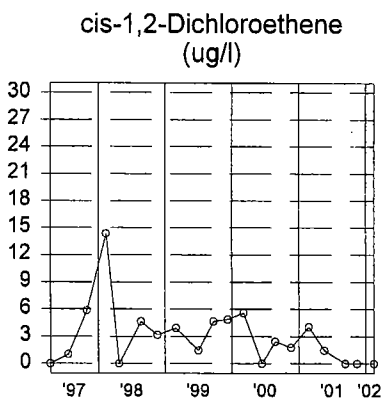
GW Monitoring
Streams

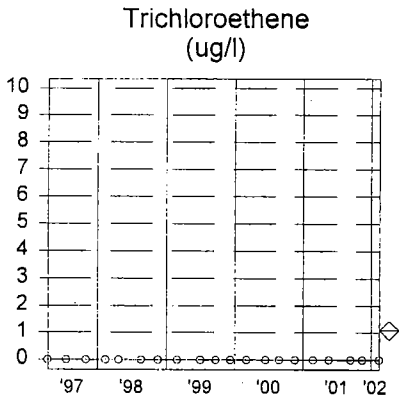
Source 13 of 23

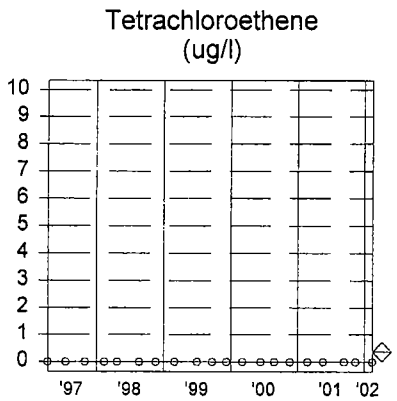
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

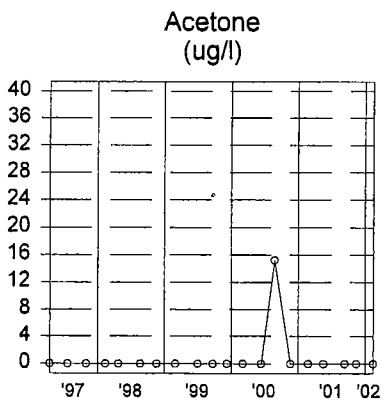


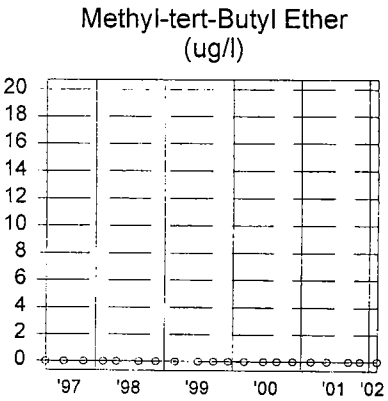


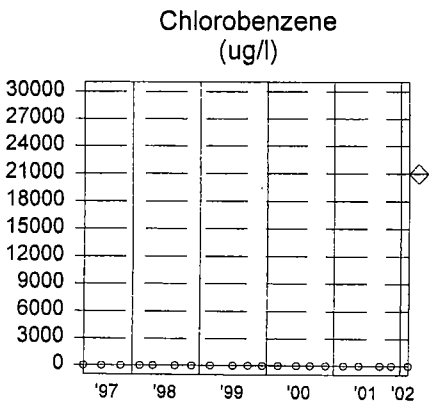












SOURCE: 18

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	6.44	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
10/30/1997	FMETL	ND	ND	4.69	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	8.22	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	6.86	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	2.95	ND	ND	ND	ND	ND		
11/17/1998	FMETL	ND	ND	2.3	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	2.30	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
09/21/1999	FMETL	ND	ND	3.53	ND	ND	ND	ND	ND		
12/09/1999	FMETL	ND	ND	2.60	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	2.92	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.07	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	2.99	ND	ND	ND	ND	ND		-
02/21/2001D	FMETL	ND	ND	3.87	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.57	ND	ND	ND	ND	ND		-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

SOURCE: 19

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

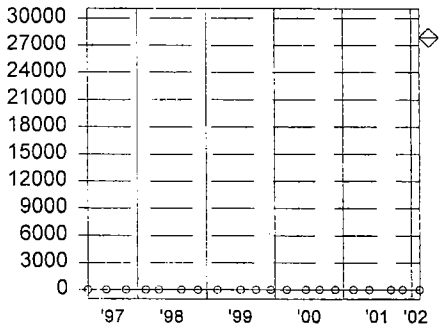
Page 1 of 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

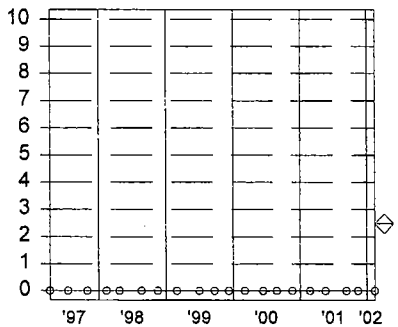
Fort Monmouth

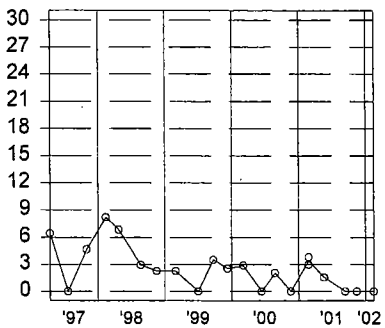
GW Monitoring
Streams

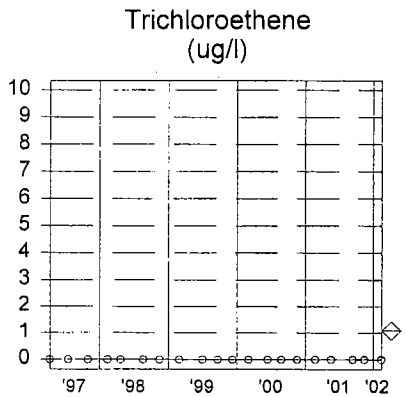
Source 14 of 23

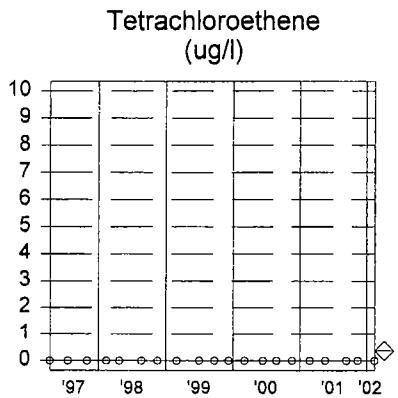
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

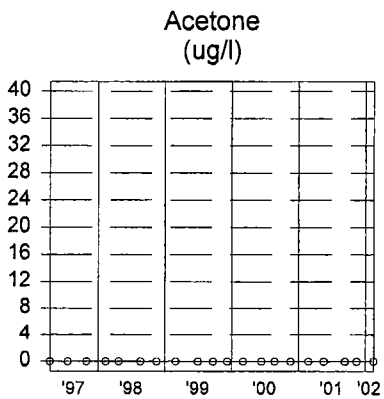


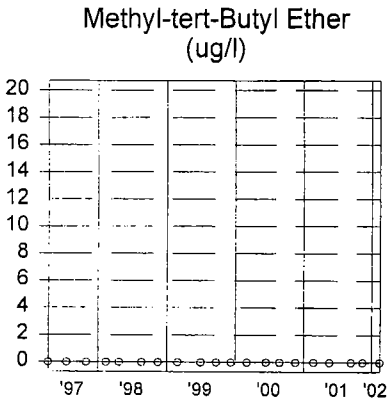


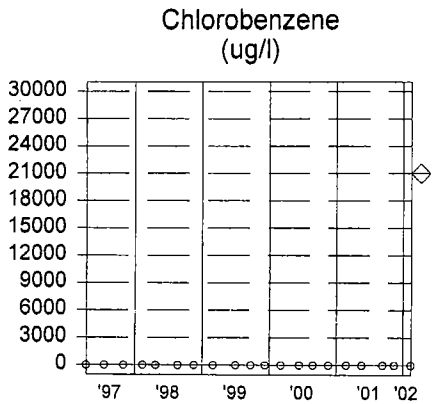












SOURCE: 19

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	2.18	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	2.63	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	4.85	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	5.70	ND		
09/21/1999	FMETL	ND	ND	ND	ND	ND	ND	2.10	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	6.38	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	2.58	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

SOURCE: 20

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

Page 1 of 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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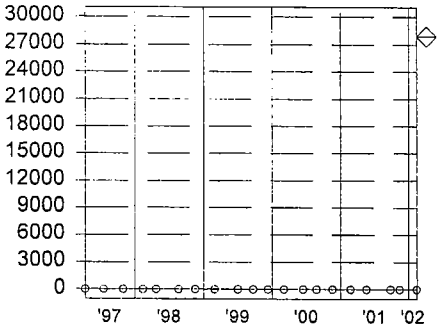
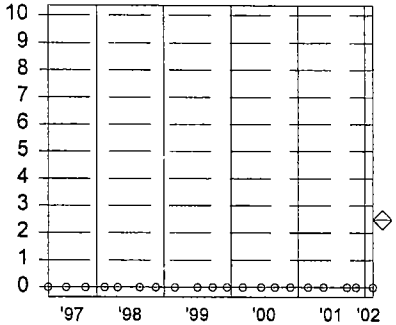
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

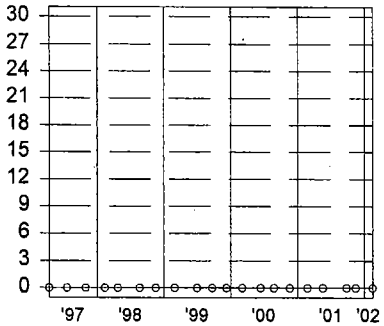
Ethylbenzene
(ug/l)



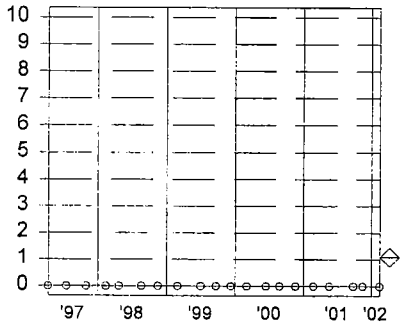
Methylene Chloride
(ug/l)



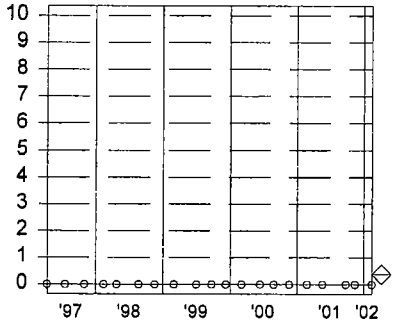
cis-1,2-Dichloroethene
(ug/l)



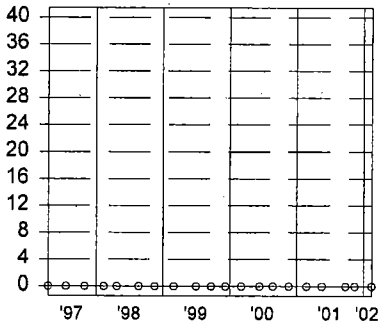
Trichloroethene
(ug/l)



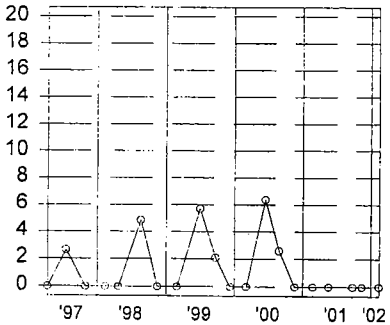
Tetrachloroethene
(ug/l)



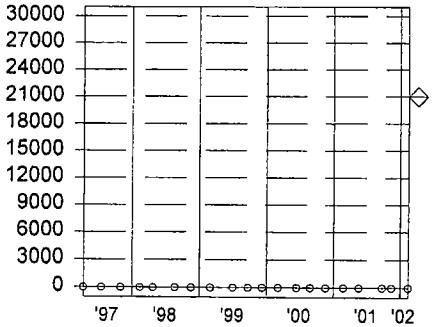
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 20

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	2.90	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	4.71	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	7.40	ND		
09/21/1999	FMETL	ND	ND	1.17	ND	ND	ND	2.24	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	27.52	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	4.56	2.67	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	1.76	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

SOURCE: 21

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

Page 1 of 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

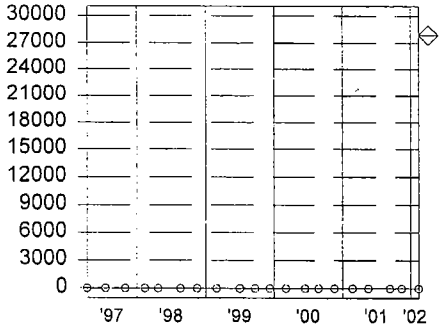
Fort Monmouth

GW Monitoring
Streams

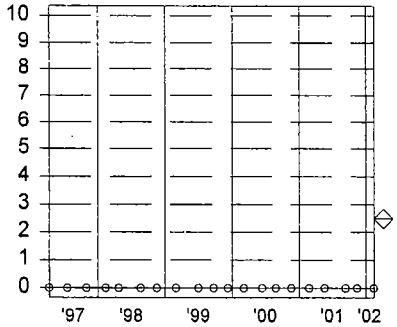
Source 16 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

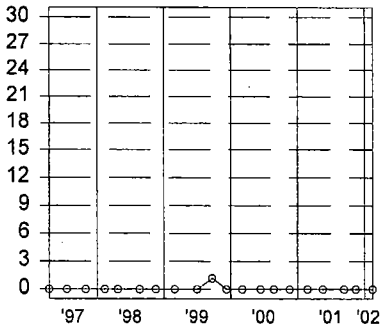
Ethylbenzene
(ug/l)



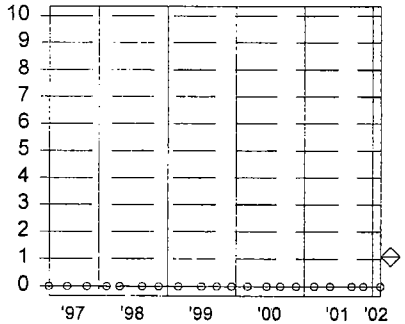
Methylene Chloride
(ug/l)



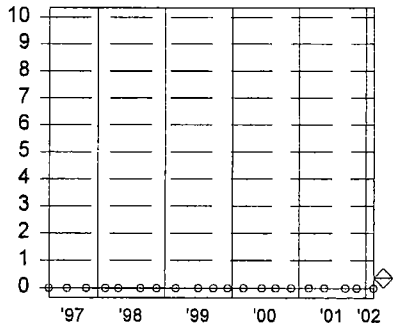
cis-1,2-Dichloroethene
(ug/l)



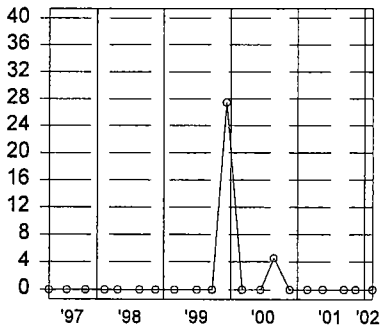
Trichloroethene
(ug/l)



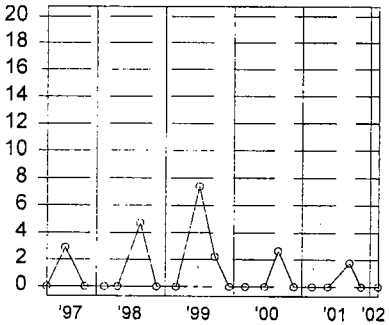
Tetrachloroethene
(ug/l)



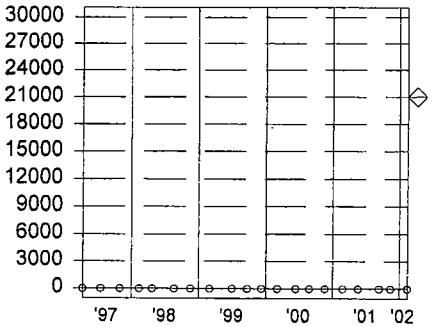
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 21

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	4.26	ND		
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	4.50	ND		
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	8.30	ND		
09/21/1999	FMETL	ND	ND	ND	ND	ND	ND	0.82	ND		
12/09/1999	FMETL	ND	ND	ND	ND	ND	32.77	ND	ND		
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	10.26	ND		
06/12/2000D	FMETL	ND	ND	ND	ND	ND	ND	10.66	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	5.53	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	3.53	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

SOURCE: 22

Sampling Dates:
04/08/1997 - 02/11/2002

NOTES:

Page 1 of 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

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Streams

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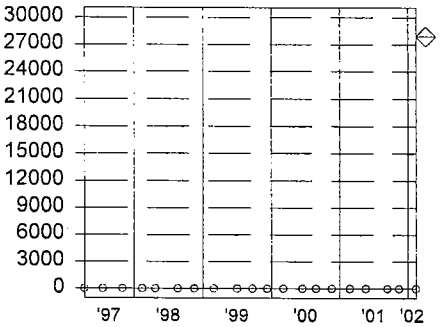
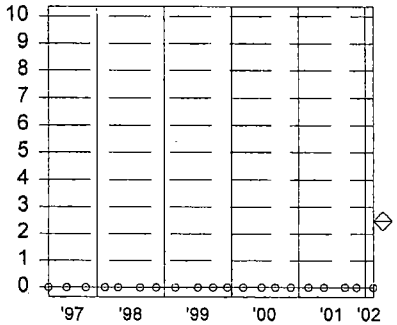
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

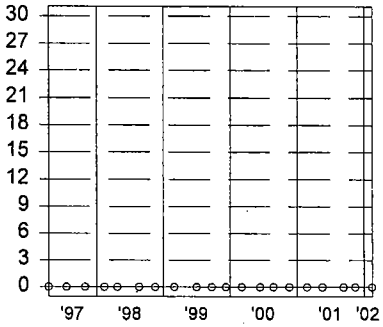
Ethylbenzene
(ug/l)



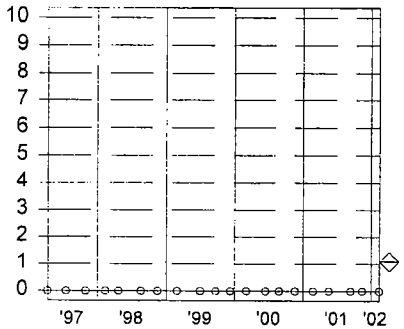
Methylene Chloride
(ug/l)



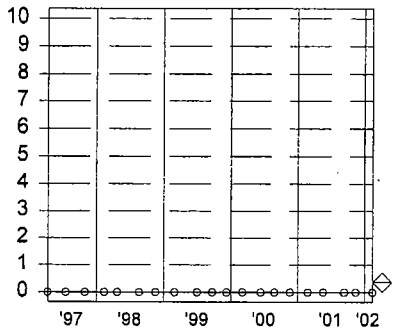
cis-1,2-Dichloroethene
(ug/l)



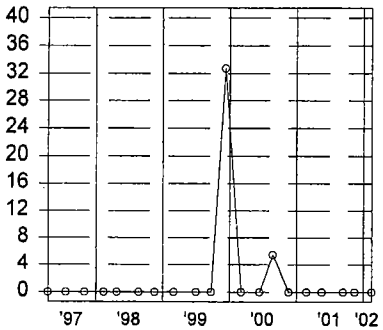
Trichloroethene
(ug/l)



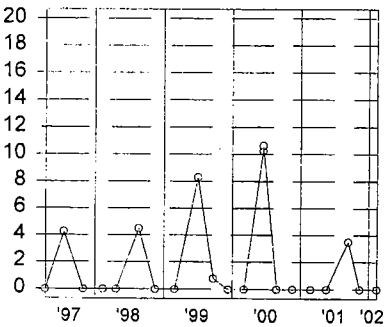
Tetrachloroethene
(ug/l)



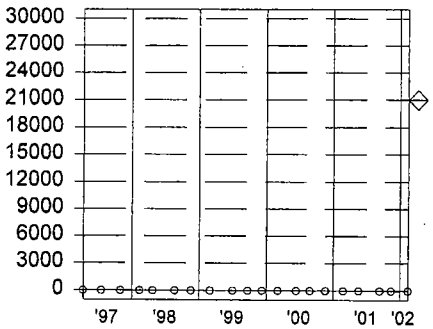
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 22

Sampling Dates:
04/08/1997 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	5.60	ND	ND	ND		
08/24/2000	FMETL	ND	ND	2.24	1.82	5.18	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	6.29	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	4.78	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.73	ND	6.41	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	3.23	ND	3.64	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	2.85	ND	ND	ND		V

SOURCE: 23

Sampling Dates:
06/12/2000 - 02/11/2002

NOTES:

Page 1 of 1
Stream 23 is Fresh-Water

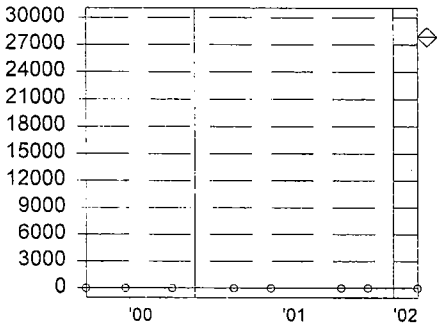
Fort Monmouth

GW Monitoring
Streams

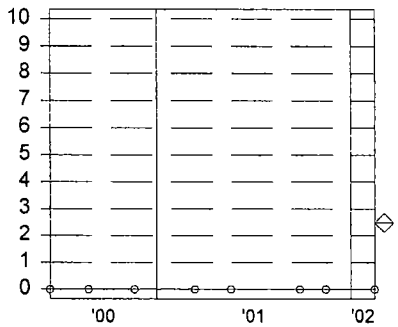
Source 18 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

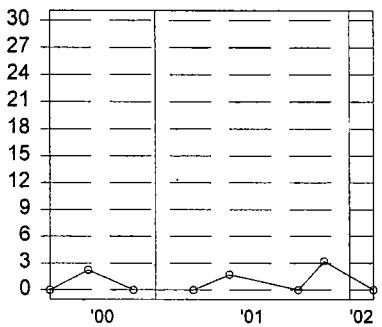
Ethylbenzene
(ug/l)



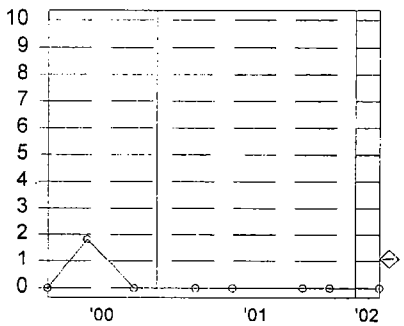
Methylene Chloride
(ug/l)



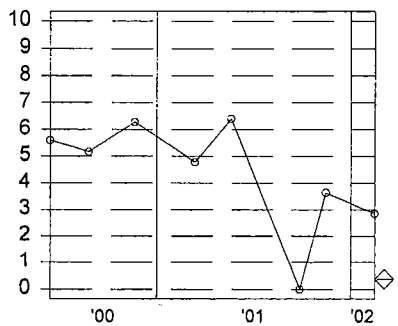
cis-1,2-Dichloroethene
(ug/l)



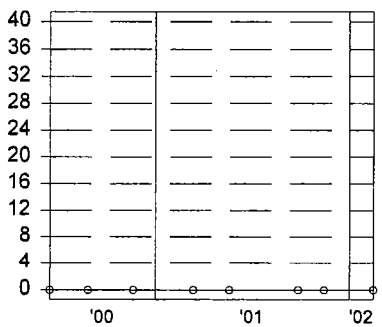
Trichloroethene
(ug/l)



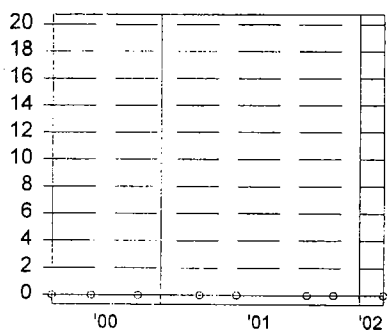
Tetrachloroethene
(ug/l)



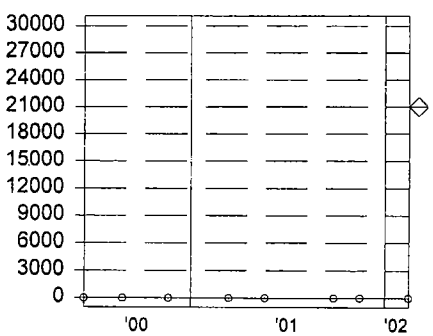
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 23

Sampling Dates:
06/12/2000 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	4.72	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.54	1.41	4.33	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	4.41	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	4.76	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	1.37	ND	5.12	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	3.11	ND	3.28	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	2.69	ND	ND	ND		V

SOURCE: 24

Sampling Dates:
06/12/2000 - 02/11/2002

NOTES:

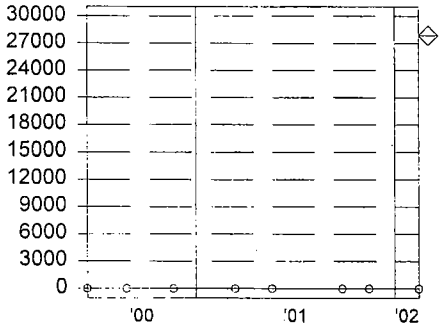
Page 1 of 2
Stream 24 is Fresh-Water

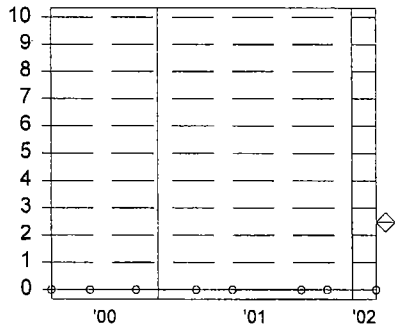
Fort Monmouth

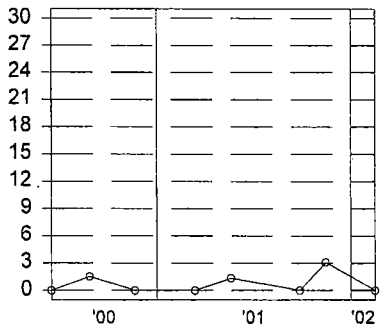
GW Monitoring
Streams

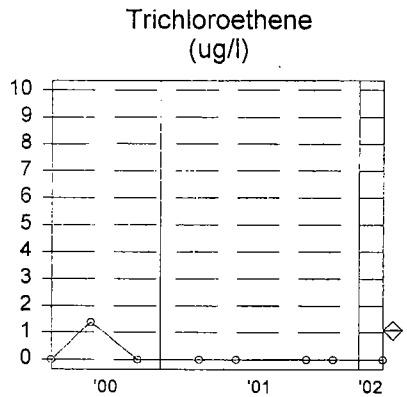
Source 19 of 23

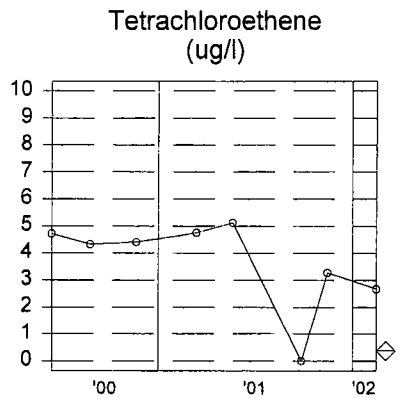
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

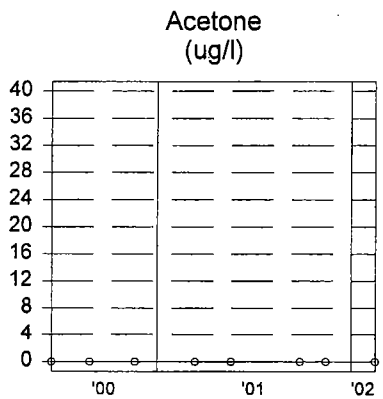


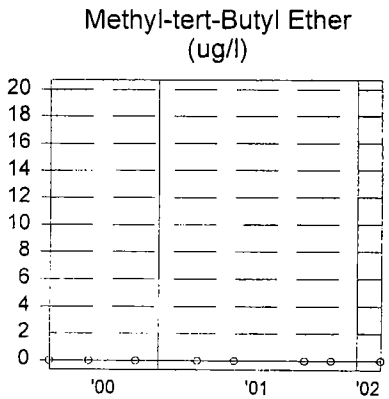


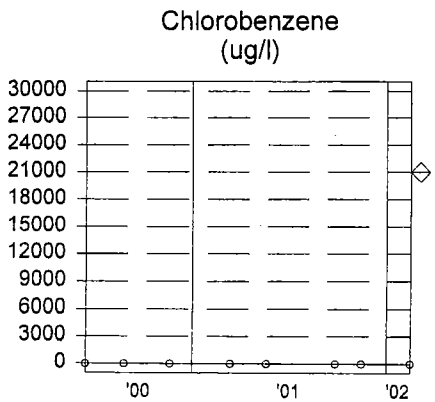












SOURCE: 24

Sampling Dates:
06/12/2000 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

SOURCE: 25

Sampling Dates:
06/12/2000 - 02/11/2002

NOTES:

Page 1 of 1
Stream 25 is Salt-Water.

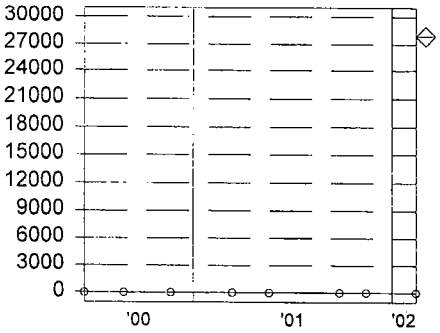
Fort Monmouth

GW Monitoring
Streams

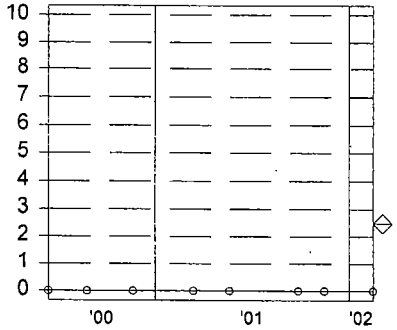
Source 20 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

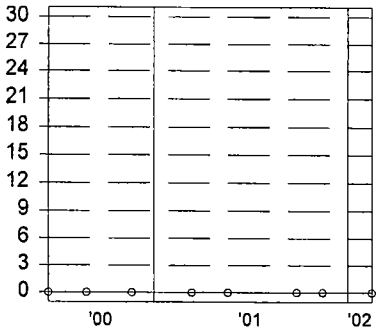
Ethylbenzene
(ug/l)



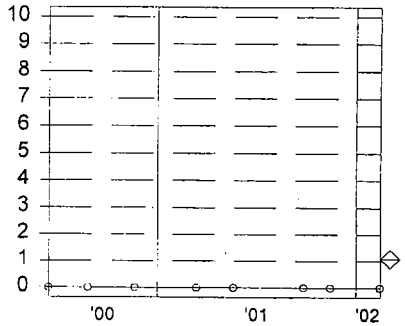
Methylene Chloride
(ug/l)



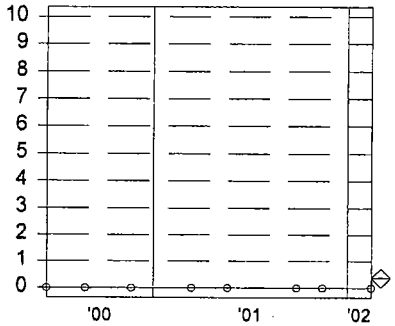
cis-1,2-Dichloroethene
(ug/l)



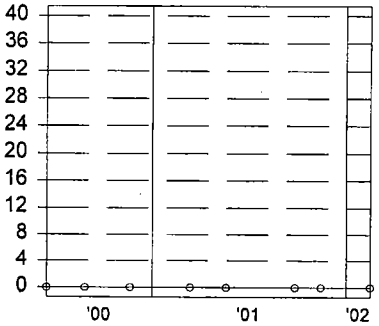
Trichloroethene
(ug/l)



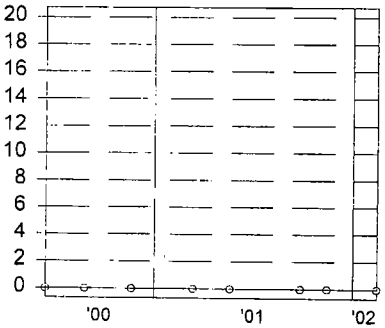
Tetrachloroethene
(ug/l)



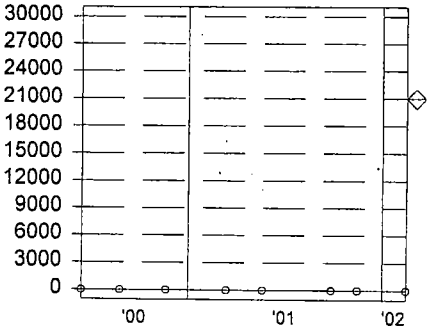
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 25

Sampling Dates:
06/12/2000 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

SOURCE: 26

Sampling Dates:
06/12/2000 - 02/11/2002

NOTES:

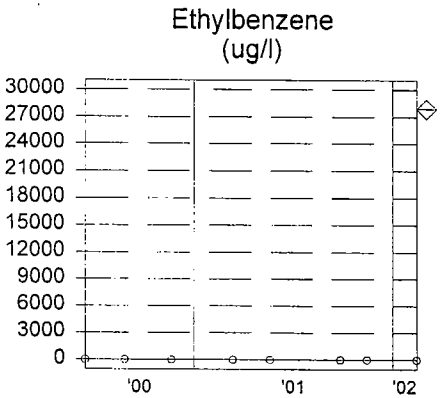
Page 1 of 1
Stream 26 is Fresh-Water

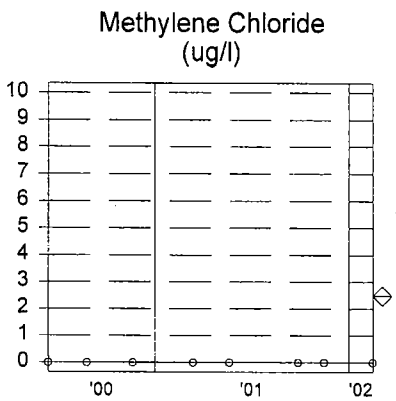
Fort Monmouth

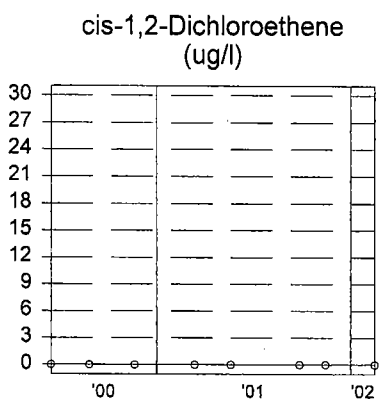
GW Monitoring
Streams

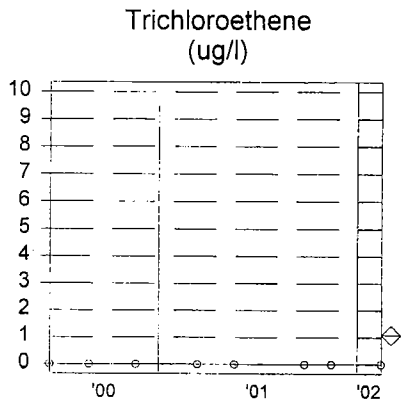
Source 21 of 23

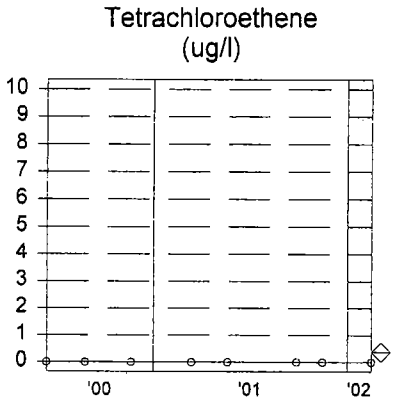
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

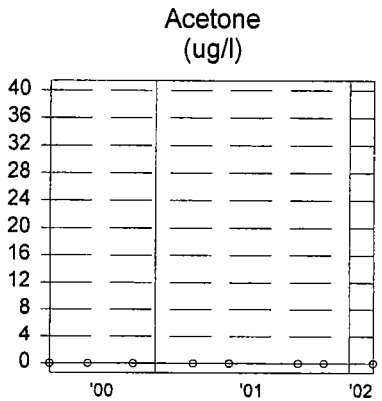


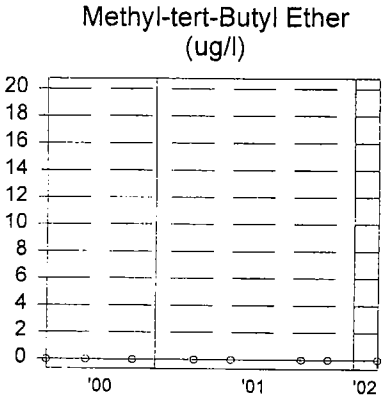


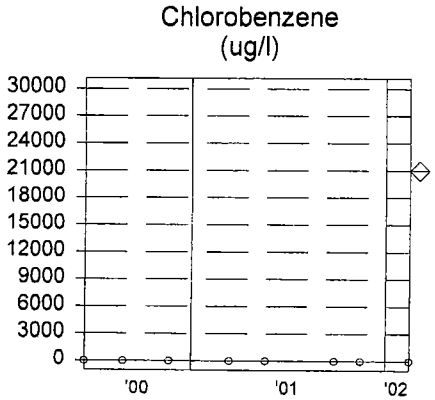












SOURCE: 26

Sampling Dates:
06/12/2000 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	ND	ND	1.72	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	1.87	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V

SOURCE: 27

Sampling Dates:
06/12/2000 - 02/11/2002

NOTES:

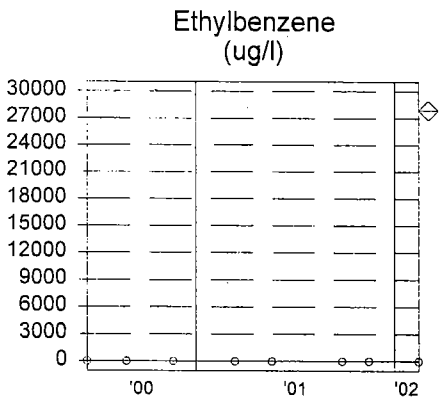
Page 1 of 1
Stream 27 is Salt Water.

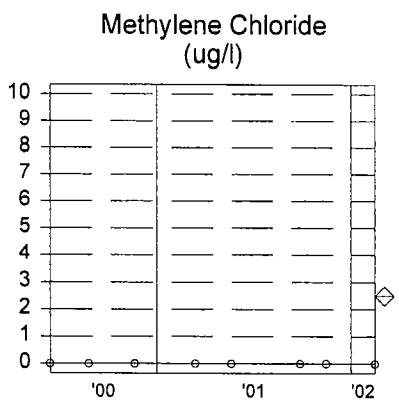
Fort Monmouth

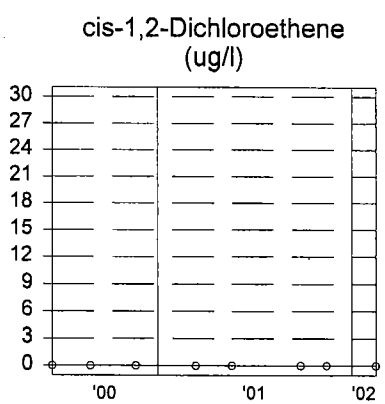
GW Monitoring
Streams

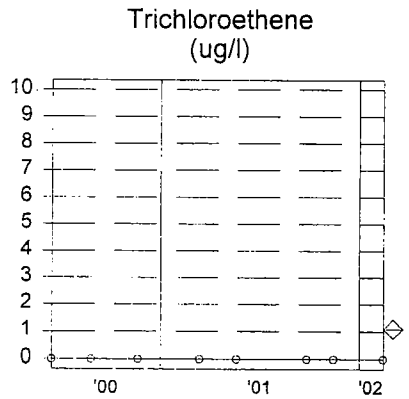
Source 22 of 23

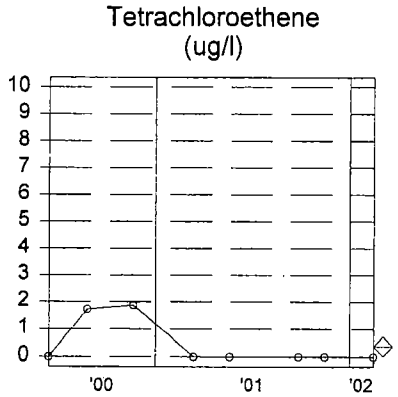
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

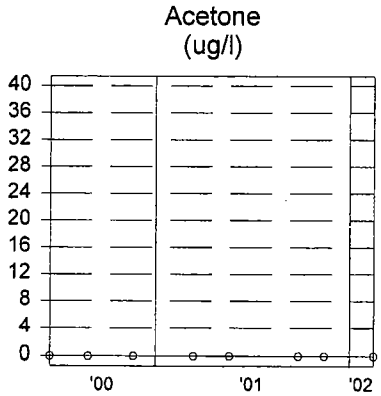


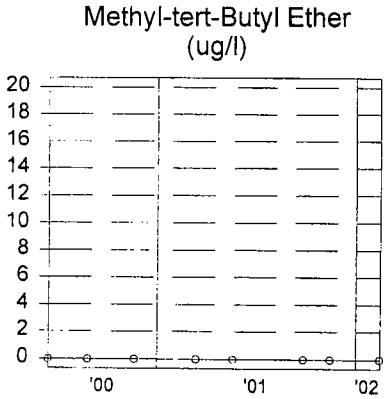


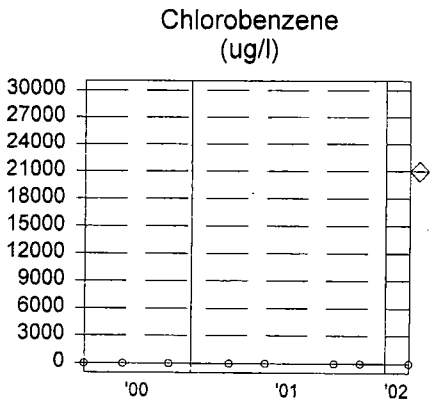












SOURCE: 27

Sampling Dates:
06/12/2000 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	2.49	-	1.09	0.388	-	-	21000		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		
08/24/2000	FMETL	ND	ND	1.28	1.07	3.67	ND	ND	ND		
11/20/2000	FMETL	ND	ND	ND	ND	3.60	ND	ND	ND		-
03/08/2001	FMETL	ND	ND	ND	ND	2.56	ND	ND	ND		-
05/16/2001	FMETL	ND	ND	ND	ND	2.77	ND	ND	ND		-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		-
02/11/2002	FMETL	ND	ND	ND	ND	1.55	ND	ND	ND		V

SOURCE: 28

Sampling Dates:
06/12/2000 - 02/11/2002

NOTES:

Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

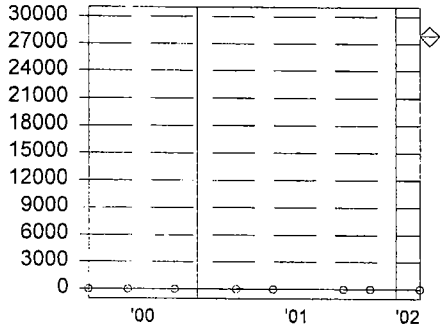
Fort Monmouth

GW Monitoring
Streams

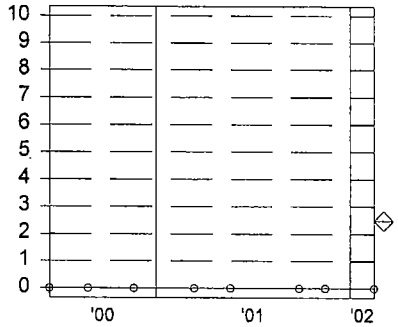
Source 23 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

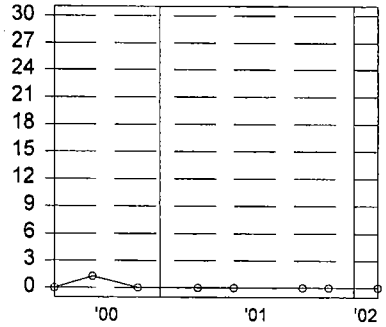
Ethylbenzene
(ug/l)



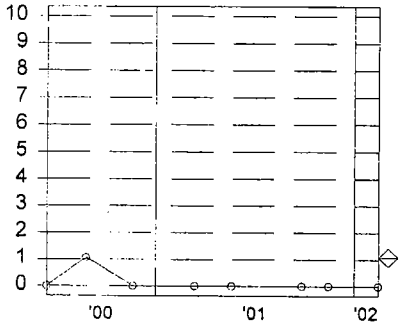
Methylene Chloride
(ug/l)



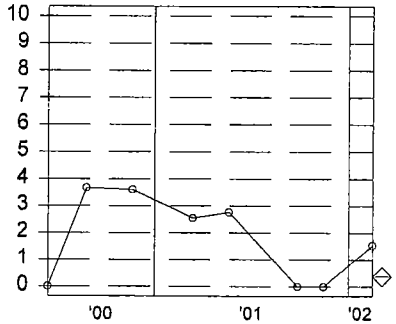
cis-1,2-Dichloroethene
(ug/l)



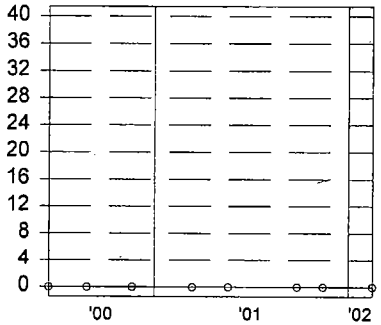
Trichloroethene
(ug/l)



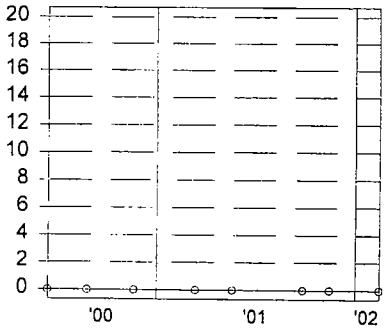
Tetrachloroethene
(ug/l)



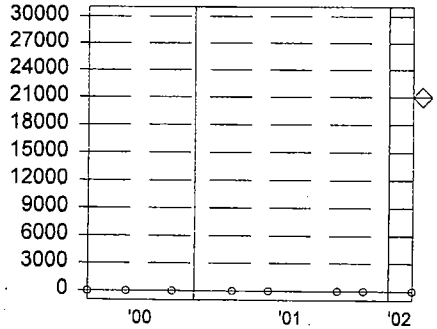
Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 28

Sampling Dates:
06/12/2000 - 02/11/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-21-2002 x:\mtech46\fm\streams\gw\streams.wsf

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: 2nd QTR Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	2037604	Aqueous	18-Jun-02 08:20	06/18/02
Stream Site #21	2037605	Aqueous	18-Jun-02 08:27	06/18/02
Stream Site #09	2037606	Aqueous	18-Jun-02 08:39	06/18/02
Stream Site #19	2037607	Aqueous	18-Jun-02 08:45	06/18/02
Stream Site #12	2037608	Aqueous	18-Jun-02 08:52	06/18/02
Stream Site #18	2037609	Aqueous	18-Jun-02 08:59	06/18/02
Stream Site #11	2037610	Aqueous	18-Jun-02 09:05	06/18/02
Stream Site #15	2037611	Aqueous	18-Jun-02 09:12	06/18/02
Stream Site #23	2037612	Aqueous	18-Jun-02 09:19	06/18/02
Stream Site #20	2037613	Aqueous	18-Jun-02 08:32	06/18/02
Stream Site #24	2037614	Aqueous	18-Jun-02 09:25	06/18/02
Stream Site #16	2037615	Aqueous	18-Jun-02 09:37	06/18/02
Stream Site #27	2037616	Aqueous	18-Jun-02 10:09	06/18/02
Stream Site #07	2037617	Aqueous	18-Jun-02 10:01	06/18/02
Stream Site #28	2037618	Aqueous	18-Jun-02 09:55	06/18/02
Stream Site #04	2037619	Aqueous	18-Jun-02 09:50	06/18/02
Stream Site #05	2037620	Aqueous	18-Jun-02 09:42	06/18/02
Stream Site #25	2037621	Aqueous	18-Jun-02 10:15	06/18/02
Stream Site #17	2037622	Aqueous	18-Jun-02 10:19	06/18/02
Stream Site #26	2037623	Aqueous	18-Jun-02 10:25	06/18/02
Stream Site #03	2037624	Aqueous	18-Jun-02 10:32	06/18/02
Stream Site #14	2037625	Aqueous	18-Jun-02 10:41	06/18/02
Stream Site #13	2037626	Aqueous	18-Jun-02 10:49	06/18/02

ANALYSIS:

FORT MONMOUTH ENVIRONMENTAL LAB

VOA+15, PCB's, WET CHEMISTRY

7-22-0

Daniel Wright/Date

Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011466.D**	Sample Name	**MB 18Jun02**
Operator	**Skelton**	Field ID	**MB 18Jun02**
Date Acquired	**18 Jun 2002 1:40 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011466.D**	Sample Name	**MB 18Jun02**
Operator	**Skelton**	Field ID	**MB 18Jun02**
Date Acquired	**18 Jun 2002 1:40 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 18Jun02

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: MB 18Jun02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011466.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011468.D**	Sample Name	**2037601**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**18 Jun 2002 3:09 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride	11.23	51317	2.05 ug/L	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011468.D**	Sample Name	**2037601**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**18 Jun 2002 3:09 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride	11.23	51317	2.05 ug/L	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2037601

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011468.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. Date Analyzed: 6/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011469.D**	Sample Name	**2037602**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**18 Jun 2002 3:49 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011469.D**	Sample Name	**2037602**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**18 Jun 2002 3:49 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2037602

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011469.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. Date Analyzed: 6/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011470.D**	Sample Name	**2037603**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**18 Jun 2002 4:29 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether	11.92	130437	2.19 ug/L	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011470.D**	Sample Name	**2037603**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**18 Jun 2002 4:29 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether	11.92	130437	2.19 ug/L	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2037603

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011470.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. Date Analyzed: 6/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011471.D**	Sample Name	**2037604**
Operator	**Skelton**	Field ID	**StreamSite#22**
Date Acquired	**18 Jun 2002 5:10 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether	11.94	126601	2.12 ug/L	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#22

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037604

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011471.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011474.D**	Sample Name	**2037605**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Acquired	**18 Jun 2002 7:11 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#21

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037605

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011474.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011475.D**	Sample Name	**2037606**
Operator	**Skelton**	Field ID	**StreamSite#9**
Date Acquired	**18 Jun 2002 7:51 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#09

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037606

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011475.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011476.D**	Sample Name	**2037607**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Acquired	**18 Jun 2002 8:31 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#19

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037607

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011476.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011477.D**	Sample Name	**2037608**
Operator	**Skelton**	Field ID	**StreamSite#12**
Date Acquired	**18 Jun 2002 9:11 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#12

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2037608

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011477.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. Date Analyzed: 6/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011478.D**	Sample Name	**2037609**
Operator	**Skelton**	Field ID	**StreamSite#18**
Date Acquired	**18 Jun 2002 9:52 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#18

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2037609

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011478.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. Date Analyzed: 6/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011479.D**	Sample Name	**2037610**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Acquired	**18 Jun 2002 10:32 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.79	105816	3.08 ug/L	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#11

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037610

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011479.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011480.D**	Sample Name	**2037611**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Acquired	**18 Jun 2002 11:12 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.79	55365	1.63 ug/L	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene	25.37	73615	2.67 ug/L	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#15

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037611

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011480.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011481.D**	Sample Name	**2037612**
Operator	**Skelton**	Field ID	**StreamSite#23**
Date Acquired	**18 Jun 2002 11:53 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.79	55817	1.58 ug/L	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene	25.38	78647	2.88 ug/L	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#23

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2037612

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011481.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. Date Analyzed: 6/18/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011482.D**	Sample Name	**2037613**
Operator	**Skelton**	Field ID	**StreamSite#20**
Date Acquired	**19 Jun 2002 12:33 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether	11.92	70933	1.26 ug/L	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#20

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037613

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011482.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011483.D**	Sample Name	**2037614**
Operator	**Skelton**	Field ID	**StreamSite#24**
Date Acquired	**19 Jun 2002 1:13 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.81	54026	1.60 ug/L	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene	25.37	76032	2.74 ug/L	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#24

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037614

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011483.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011484.D**	Sample Name	**2037615**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Acquired	**19 Jun 2002 1:54 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.79	45980	1.35 ug/L	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene	25.38	67587	2.46 ug/L	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#16

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037615

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011484.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011485.D**	Sample Name	**2037616**
Operator	**Skelton**	Field ID	**StreamSite#27**
Date Acquired	**19 Jun 2002 2:34 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#27

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037616

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011485.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011486.D**	Sample Name	**2037617**
Operator	**Skelton**	Field ID	**StreamSite#7**
Date Acquired	**19 Jun 2002 3:14 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#07

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037617

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011486.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011487.D**	Sample Name	**2037618**
Operator	**Skelton**	Field ID	**StreamSite#28**
Date Acquired	**19 Jun 2002 3:54 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene	25.37	54172	1.99 ug/L	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#28

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037618

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011487.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011488.D**	Sample Name	**2037619**
Operator	**Skelton**	Field ID	**StreamSite#4**
Date Acquired	**19 Jun 2002 4:35 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene	25.38	52801	1.97 ug/L	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#04

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037619

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011488.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011489.D**	Sample Name	**2037620**
Operator	**Skelton**	Field ID	**StreamSite#5**
Date Acquired	**19 Jun 2002 5:15 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene	25.38	64506	2.39 ug/L	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#05

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2037620

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011489.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. Date Analyzed: 6/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011490.D**	Sample Name	**2037621**
Operator	**Skelton**	Field ID	**StreamSite#25**
Date Acquired	**19 Jun 2002 5:55 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene	27.42	100128	1.50 ug/L	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#25

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037621

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011490.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011491.D**	Sample Name	**2037622**
Operator	**Skelton**	Field ID	**StreamSite#17**
Date Acquired	**19 Jun 2002 6:35 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene	27.41	103496	1.48 ug/L	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#17

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037622

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011491.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011492.D**	Sample Name	**2037623**
Operator	**Skelton**	Field ID	**StreamSite#26**
Date Acquired	**19 Jun 2002 7:16 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene	27.42	101462	1.47 ug/L	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#26

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037623

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011492.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011493.D**	Sample Name	**2037624**
Operator	**Skelton**	Field ID	**StreamSite#3**
Date Acquired	**19 Jun 2002 7:56 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#03

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037624

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011493.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011494.D**	Sample Name	**2037625**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Acquired	**19 Jun 2002 8:36 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#14

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037625

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011494.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011495.D**	Sample Name	**2037626**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Acquired	**19 Jun 2002 9:16 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#13

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20376 Location: 2nd Qtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2037626

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011495.D

Level: (low/med) LOW Date Received: 6/18/02

% Moisture: not dec. _____ Date Analyzed: 6/19/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB 6/20
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/02
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	MB 6/21
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/21/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037602
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	FIELD BLANK
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037603
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	DUPE
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037604
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #22
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037605
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #21
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037606
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #9
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037607
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #19
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037608
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #12
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037609
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #18
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037610
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037611
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #15
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037612
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037613
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #20
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037614
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #24
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037615
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #16
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037616
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/21/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #27
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037617
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/21/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #7
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037618
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/21/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #28
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037619
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/21/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #4
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037620
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/21/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #5
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037621
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/21/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #25
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037622
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/21/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #17
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037623
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/21/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #26
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037624
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/21/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #03
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037625
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/21/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #14
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2037626
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/18/02
	Bldg. 173	**Extraction Date:**	6/21/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/02
Analysis:	EPA Method 608	**Location :**	STREAMS
Matrix:	Aqueous		
Analyst:	P. Van Bergen	**Field ID:**	SITE #13
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Stream Water Analysis

2ND Quarter 2002

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
2037604	06/18/02	22	7.51	ND	0.64	0.35	1393	8.76	100	30	26
2037605	06/18/02	21	7.43	ND	0.64	0.75	905.0	8.88	TNTC	TNTC	27
2037606	06/18/02	9	7.81	ND	0.67	0.23	175.2	9.21	10200	1400	5
2037607	06/18/02	19	7.55	ND	0.81	0.17	10.13	9.61	900	90	0
2037608	06/18/02	12	7.49	ND	0.84	0.16	11.71	8.20	550	30	0
2037609	06/18/02	18	7.47	ND	0.90	0.09	11.48	8.17	410	60	0
2037610	06/18/02	11	7.53	ND	1.00	0.11	17.89	8.19	6400	200	0
2037611	06/18/02	15	7.61	ND	0.81	0.23	20.70	8.97	10000	600	0
2037612	06/18/02	23	7.51	ND	0.78	0.18	20.92	8.99	9000	200	0
2037613	06/18/02	20	7.47	ND	0.63	0.91	945.5	8.85	TNTC	TNTC	24
2037614	06/18/02	24	7.40	ND	0.83	0.18	20.64	9.03	7000	400	0
2037615	06/18/02	16	7.50	ND	0.74	0.22	25.70	8.94	6500	200	9
2037616	06/18/02	27	7.59	ND	0.65	0.23	145.5	8.77	6000	500	15
2037617	06/18/02	7	7.63	ND	0.66	0.39	159.5	8.81	8800	800	13
2037618	06/18/02	28	7.37	ND	0.74	0.31	39.45	8.50	7200	200	14
2037619	06/18/02	4	7.42	ND	0.72	0.17	41.30	8.47	9000	500	13
2037620	06/18/02	5	7.31	ND	0.83	0.30	17.85	8.43	10600	800	11
2037621	06/18/02	25	7.73	ND	0.69	0.69	109.5	8.20	TNTC	900	9
2037622	06/18/02	17	7.75	ND	0.70	0.52	106.8	8.16	9000	1800	8
2037623	06/18/02	26	7.77	ND	0.73	0.22	103.6	8.19	TNTC	2000	5
2037624	06/18/02	3	7.88	ND	0.83	0.25	16.98	8.41	TNTC	1700	5
2037625	06/18/02	14	7.98	ND	0.82	0.35	16.80	8.11	8200	1500	3
2037626	06/18/02	13	7.77	ND	0.83	0.38	19.68	11.12	6700	600	0

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed: 2/26/02
Reviewed: 2/26/02

7-17-02

Daniel K. Wright

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: 3rd QTR Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #14	2066604	Aqueous	18-Sept-02 11:15	09/18/02
Stream Site #13	2066605	Aqueous	18-Sept-02 11:23	09/18/02
Stream Site #03	2066606	Aqueous	18-Sept-02 11:03	09/18/02
Stream Site #15	2066607	Aqueous	18-Sept-02 09:20	09/18/02
Stream Site #23	2066608	Aqueous	18-Sept-02 09:26	09/18/02
Stream Site #24	2066609	Aqueous	18-Sept-02 09:33	09/18/02
Stream Site #04	2066610	Aqueous	18-Sept-02 10:03	09/18/02
Stream Site #28	2066611	Aqueous	18-Sept-02 10:15	09/18/02
Stream Site #07	2066612	Aqueous	18-Sept-02 10:24	09/18/02
Stream Site #27	2066613	Aqueous	18-Sept-02 10:32	09/18/02
Stream Site #22	2066614	Aqueous	18-Sept-02 08:10	09/18/02
Stream Site #21	2066615	Aqueous	18-Sept-02 08:16	09/18/02
Stream Site #20	2066616	Aqueous	18-Sept-02 08:22	09/18/02
Stream Site #09	2066617	Aqueous	18-Sept-02 08:39	09/18/02
Stream Site #19	2066618	Aqueous	18-Sept-02 08:45	09/18/02
Stream Site #12	2066619	Aqueous	18-Sept-02 08:56	09/18/02
Stream Site #18	2066620	Aqueous	18-Sept-02 09:02	09/18/02
Stream Site #11	2066621	Aqueous	18-Sept-02 09:10	09/18/02
Stream Site #05	2066622	Aqueous	18-Sept-02 09:53	09/18/02
Stream Site #16	2066623	Aqueous	18-Sept-02 09:45	09/18/02
Stream Site #26	2066624	Aqueous	18-Sept-02 10:54	09/18/02
Stream Site #17	2066625	Aqueous	18-Sept-02 10:48	09/18/02
Stream Site #25	2066626	Aqueous	18-Sept-02 10:43	09/18/02

ANALYSIS:

FORT MONMOUTH ENVIRONMENTAL LAB

VOA+15, PCB's, WET CHEMISTRY

10-18-02

Daniel Wright/Date

Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 1216223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: Streams
3rd Qtr '02

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL/H_2SO_4/4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTIS	NH_3/NO_3	PO_4/SO_4	T. Coli	PCB	pH (SU)	°C Temp	Dissolved O_2	Remarks / Preservation Method	
201666 01	Trip	9/18/02	0730	AQ	2	✓					–	–	–	Salinity	
02	Field Blank		0800		5	✓	✓	✓		✓	–	–	–	$d\frac{20}{20}$	% O
03	Dupe		—		6	✓	✓	✓	✓	✓	–	–	–	—	—
04	Stream Site # 14		1115		6	✓	✓	✓	✓	✓	7.58	7.61	8.91	1.006	0
05	# 13		1123			✓	✓	✓	✓	✓	7.77	8.21	7.42	1.000	0
06	# 03		1103			✓	✓	✓	✓	✓	7.69	7.77	8.20	1.002	3
07	# 15		0920			✓	✓	✓	✓	✓	7.79	8.01	7.53	1.003	4
08	# 23		0926			✓	✓	✓	✓	✓	7.80	8.01	7.55	1.003	4
09	# 24		0933			✓	✓	✓	✓	✓	7.81	8.00	7.54	1.004	5
10	# 04		1003			✓	✓	✓	✓	✓	7.71	8.31	7.20	1.008	9
11	# 28		1015			✓	✓	✓	✓	✓	7.80	8.52	7.31	1.008	9
12	# 07		1024			✓	✓	✓	✓	✓	7.78	8.61	7.59	1.009	9
13	# 27		1032			✓	✓	✓	✓	✓	7.75	8.57	7.81	1.009	10
14	# 22		0810			✓	✓	✓	✓	✓	7.81	8.91	7.80	1.011	14

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	9/18/02 1130	[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, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: Tide: H→0

print legibly

Coc8/7/02

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: Streams
3rd Qrtr '02

Samplers Name / Company: Cory McCarel, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOC+15	NH_3/NO_3	PO_4/SO_4	T. Coli	PCB	pH (su)	Temp (°C)	Dissolved O_2	Remarks / Preservation Method	
20606 15	Stream Site #21	9/18/02	0816	AQ	6	✓	✓	✓	✓	✓	7.49	9.71	7.61	1.011	14
16	#20		0822			✓	✓	✓	✓	✓	7.47	9.58	7.31	1.00	12
17	#09		0839			✓	✓	✓	✓	✓	7.83 ~~5.83~~	9.64 ~~19.64~~	8.49 ~~9.49~~	1.004	5
18	#19		0845			✓	✓	✓	✓	✓	7.53	8.11	8.21	1.001	1
19	#12		0856			✓	✓	✓	✓	✓	7.77	9.98	7.12	1.000	0
20	#18		0902			✓	✓	✓	✓	✓	7.79	9.99	7.14	1.000	0
21	#11		0910			✓	✓	✓	✓	✓	7.61	8.30	8.51	1.000	0
22	#05		0953			✓	✓	✓	✓	✓	7.77	8.20	7.30	1.007	8
23	#16		0945			✓	✓	✓	✓	✓	7.83	7.91	7.79	1.005	6
24	#26		1054			✓	✓	✓	✓	✓	7.63	8.31	7.41	1.004	5
25	#17		1048			✓	✓	✓	✓	✓	7.69	8.41	7.48	1.005	6
26	#25		1043			✓	✓	✓	✓	✓	7.61	8.28	7.40	1.007	8

Comments: HCL/H_2SO_4/24°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Cory McCarel	9/18/02 1130	[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, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:
Tide: H→O

print legibly

Coc8/20/02

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	:	Method Detection Limit
J	:	Compound identified below detection limit
B	:	Compound found in blank
D	:	Results are from a dilution of the sample
U	:	Compound searched for but not detected
E	:	Compound exceeds calibration limit
PQL	:	Practical Quantitation Limit
NLE	:	No limit established
RT	:	Retention time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011914.D**	Sample Name	**MB 30Sept02**
Operator	**Skelton**	Field ID	**MB 30Sept02**
Date Acquired	**30 Sep 2002 8:34 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011914.D**	Sample Name	**MB 30Sept02**
Operator	**Skelton**	Field ID	**MB 30Sept02**
Date Acquired	**30 Sep 2002 8:34 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 30Sept02

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: MB 30Sept02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011914.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 9/30/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011915.D**	Sample Name	**2066601**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**30 Sep 2002 9:14 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011915.D**	Sample Name	**2066601**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**30 Sep 2002 9:14 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066601

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011915.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 9/30/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011916.D**	Sample Name	**2066602**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**30 Sep 2002 9:55 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011916.D**	Sample Name	**2066602**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**30 Sep 2002 9:55 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066602

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011916.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 9/30/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011917.D**	Sample Name	**2066603**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**30 Sep 2002 10:35 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9!

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011917.D**	Sample Name	**2066603**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**30 Sep 2002 10:35 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066603

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011917.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 9/30/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011920.D**	Sample Name	**2066606**
Operator	**Skelton**	Field ID	**StreamSite#03**
Date Acquired	**1 Oct 2002 12:36 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9!

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#03

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066606

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011920.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 10/1/02

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011924.D**	Sample Name	**2066610**
Operator	**Skelton**	Field ID	**StreamSite#04**
Date Acquired	**1 Oct 2002 3:18 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#04

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066610

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011924.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. Date Analyzed: 10/1/02

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

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011936.D**	Sample Name	**2066622**
Operator	**Skelton**	Field ID	**StreamSite#05**
Date Acquired	**1 Oct 2002 11:24 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#05

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066622

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011936.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011926.D**	Sample Name	**2066612**
Operator	**Skelton**	Field ID	**StreamSite#07**
Date Acquired	**1 Oct 2002 4:39 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#07

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066612

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011926.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011931.D**	Sample Name	**2066617**
Operator	**Skelton**	Field ID	**StreamSite#09**
Date Acquired	**1 Oct 2002 8:01 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#09

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066617

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011931.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011935.D**	Sample Name	**2066621**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Acquired	**1 Oct 2002 10:43 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.82	94344	4.17 ug/L	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#11

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066621

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011935.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011933.D**	Sample Name	**2066619**
Operator	**Skelton**	Field ID	**StreamSite#12**
Date Acquired	**1 Oct 2002 9:22 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#12

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066619

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011933.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011919.D**	Sample Name	**2066605**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Acquired	**30 Sep 2002 11:56 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#13

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066605

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011919.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 9/30/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011918.D**	Sample Name	**2066604**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Acquired	**30 Sep 2002 11:16 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#14

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066604

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011918.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 9/30/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011921.D**	Sample Name	**2066607**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Acquired	**1 Oct 2002 1:17 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.82	57291	2.39 ug/L	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene	25.38	45252	2.55 ug/L	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#15

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066607

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011921.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011937.D**	Sample Name	**2066623**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Acquired	**1 Oct 2002 12:05 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#16

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066623

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011937.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011939.D**	Sample Name	**2066625**
Operator	**Skelton**	Field ID	**StreamSite#17**
Date Acquired	**1 Oct 2002 1:26 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#17

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066625

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011939.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011934.D**	Sample Name	**2066620**
Operator	**Skelton**	Field ID	**StreamSite#18**
Date Acquired	**1 Oct 2002 10:03 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	8.41 ug/L	
107131	Acrylonitrile			not detected	0.06	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	5.7*	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	0.33 ug/L	
74-83-9	Bromomethane			not detected	48.40	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	5.67	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.39 ug/L	
71-43-2	Benzene			not detected	0.15	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.54 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	7440	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	4.38	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#18

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066620

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011934.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011932.D**	Sample Name	**2066618**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Acquired	**1 Oct 2002 8:41 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#19

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066618

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011932.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011930.D**	Sample Name	**2066616**
Operator	**Skelton**	Field ID	**StreamSite#20**
Date Acquired	**1 Oct 2002 7:20 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#20

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066616

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011930.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011929.D**	Sample Name	**2066615**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Acquired	**1 Oct 2002 6:40 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#21

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066615

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011929.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011928.D**	Sample Name	**2066614**
Operator	**Skelton**	Field ID	**StreamSite#22**
Date Acquired	**1 Oct 2002 5:59 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#22

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066614

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011928.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011922.D**	Sample Name	**2066608**
Operator	**Skelton**	Field ID	**StreamSite#23**
Date Acquired	**1 Oct 2002 1:57 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.81	57916	2.49 ug/L	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#23

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066608

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011922.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011923.D**	Sample Name	**2066609**
Operator	**Skelton**	Field ID	**StreamSite#24**
Date Acquired	**1 Oct 2002 2:37 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#24

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066609

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011923.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011940.D**	Sample Name	**2066626**
Operator	**Skelton**	Field ID	**StreamSite#25**
Date Acquired	**1 Oct 2002 2:07 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#25

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066626

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011940.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011938.D**	Sample Name	**2066624**
Operator	**Skelton**	Field ID	**StreamSite#26**
Date Acquired	**1 Oct 2002 12:46 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#26

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066624

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011938.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011927.D**	Sample Name	**2066613**
Operator	**Skelton**	Field ID	**StreamSite#27**
Date Acquired	**1 Oct 2002 5:19 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9[illegible]

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#27

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066613

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011927.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB011925.D**	Sample Name	**2066611**
Operator	**Skelton**	Field ID	**StreamSite#28**
Date Acquired	**1 Oct 2002 3:58 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	8.41 ug/L	
107131	Acrylonitrile			not detected	0.67	3.40 ug/L	
75650	tert-Butyl alcohol			not detected	nle	6.61 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.39 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.43 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.34 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.37 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.33 ug/L	
74-83-9	Bromomethane			not detected	4000	0.56 ug/L	
75-00-3	Chloroethane			not detected	nle	0.44 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.48 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.40 ug/L	
67-64-1	Acetone			not detected	nle	0.91 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.37 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.22 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.72 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.46 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.89 ug/L	
78-93-3	2-Butanone			not detected	nle	0.68 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.45 ug/L	
67-66-3	Chloroform			not detected	470	0.36 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.54 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.39 ug/L	
71-43-2	Benzene			not detected	71	0.49 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.54 ug/L	
79-01-6	Trichloroethene			not detected	81	0.43 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.65 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.71 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.29 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.32 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.72 ug/L	
108-88-3	Toluene			not detected	200000	0.36 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.47 ug/L	
79-00-5.	1,1,2-Trichloroethane			not detected	nle	0.69 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.73 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.66 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	1.13 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.45 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.40 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.99 ug/L	
95-47-6	o-Xylene			not detected	nle	0.26 ug/L	
100-42-5	Styrene			not detected	nle	0.39 ug/L	
75-25-2	Bromoform			not detected	360	0.85 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.87 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.25 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.43 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.52 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#28

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 20666 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 2066611

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB011925.D

Level: (low/med) LOW Date Received: 9/18/02

% Moisture: not dec. _____ Date Analyzed: 10/1/02

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	Method Blank
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/19/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	MB-091902
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	Method Blank
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	MB-092002
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066602
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/19/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066603
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/19/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066604
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/19/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 14
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066605
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/19/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 13
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066606
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/19/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 03
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066607
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/19/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 15
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066608
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/19/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066609
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/19/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 24
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066610
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/19/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066611
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/19/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 28
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066612
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/19/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066613
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/19/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 27
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066614
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/19/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 22
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066615
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 21
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066616
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 20
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066617
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066618
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 19
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066619
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 12
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066620
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 18
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066621
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066622
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066623
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 16
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066624
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 26
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066625
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 17
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2066626
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/18/02
	Bldg. 173	**Extraction Date:**	09/20/02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	Skelton	**Field ID:**	Stream Site# 25
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0519	**ND**
Arochlor 1221	1		0.50	0.1593	**ND**
Arochlor 1232	1		0.50	0.0650	**ND**
Arochlor 1242	1		0.50	0.1047	**ND**
Arochlor 1248	1		0.50	0.0629	**ND**
Arochlor 1254	1		0.50	0.0742	**ND**
Arochlor 1260	1		0.50	0.0782	**ND**
Arochlor 1268	1		0.50	0.0500	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-5 30m/.32mm ID/.25um
Column-Confirmation: Rtx-35 30m/.32mm ID/.25um

Stream Water Analysis
3RD Quarter 2002

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
2066604	09/18/02	14	7.58	0.13	0.62	0.05	21.65	8.91	2360	440	0
2066605	09/18/02	13	7.77	ND	0.70	0.03	27.03	7.42	4560	80	0
2066606	09/18/02	3	7.69	0.25	0.65	0.09	268	8.20	TNTC	TNTC	3
2066607	09/18/02	15	7.79	0.12	1.18	0.03	26.81	7.53	5080	180	4
2066608	09/18/02	23	7.80	0.11	1.20	0.02	27.03	7.55	4440	20	4
2066609	09/18/02	24	7.81	0.26	1.37	0.20	25.04	7.54	TNTC	420	5
2066610	09/18/02	4	7.71	0.40	0.40	0.11	460	7.20	TNTC	TNTC	9
2066611	09/18/02	28	7.80	0.37	0.49	0.13	452	7.31	TNTC	TNTC	9
2066612	09/18/02	7	7.78	0.51	0.39	0.35	926	7.59	TNTC	TNTC	9
2066613	09/18/02	27	7.75	0.50	0.47	0.35	982	7.81	TNTC	TNTC	10
2066614	09/18/02	22	7.81	ND	0.23	0.13	1736	7.80	520	ND	14
2066615	09/18/02	21	7.49	0.30	0.14	0.25	1627	7.61	TNTC	ND	14
2066616	09/18/02	20	7.47	ND	0.52	0.27	1632	7.31	2720	140	12
2066617	09/18/02	9	7.83	0.46	0.47	0.12	449	8.99	TNTC	TNTC	5
2066618	09/18/02	19	7.53	0.12	1.03	0.01	17.31	8.21	TNTC	TNTC	1
2066619	09/18/02	12	7.77	ND	1.00	0.01	16.45	7.12	3860	140	0
2066620	09/18/02	18	7.79	ND	1.15	0.02	15.92	7.19	6240	60	0
2066621	09/18/02	11	7.61	ND	2.19	0.35	13.33	8.51	TNTC	TNTC	0
2066622	09/18/02	5	7.77	0.19	0.75	0.05	121	7.30	TNTC	TNTC	8
2066623	09/18/02	16	7.83	0.19	1.12	0.08	66.85	7.79	TNTC	TNTC	6
2066624	09/18/02	26	7.63	0.29	0.54	0.08	264	7.41	TNTC	TNTC	5
2066625	09/18/02	17	7.69	0.37	0.50	0.12	420	7.48	TNTC	TNTC	6
2066626	09/18/02	25	7.61	0.37	0.46	0.11	431	7.40	TNTC	TNTC	8

mg/L = Parts Per Million
cfu = Colony Forming Units
ND = Not detected
TNTC = Too Numerous to Count

Completed: 9/25/02
Reviewed: 9/26/02

10-18-02

Daniel K. Wright
Laboratory Director